he CHEMIST and DRUGGIST

JUNE 27, 1942

The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

Established 1859 | 28 Essex Street, Strand, London, W.C.2 | Registered as a Newspaper

O. 3255
OL. CXXXVII | JUNE 27, 1942 | Annual Subscription (with Diary) 25/-. Single Copies 9d.

CONFIDENCE IN THE PAST

The last issue in June has in happier times been the publishing date of the Annual Special Issue of The Chemist and Druggist.

The absence of our usual display and of the Annual Special Issue this year is only temporary and we look forward to the time when they will be restored.

During the interval the LILLY POLICY remains constant and unchangeable—

"ALWAYS THROUGH THE DRUG TRADE"

ELI LILLY AND COMPANY LIMITED
BASINGSTOKE, HANTS.

CONFIDENT FOR THE FUTURE

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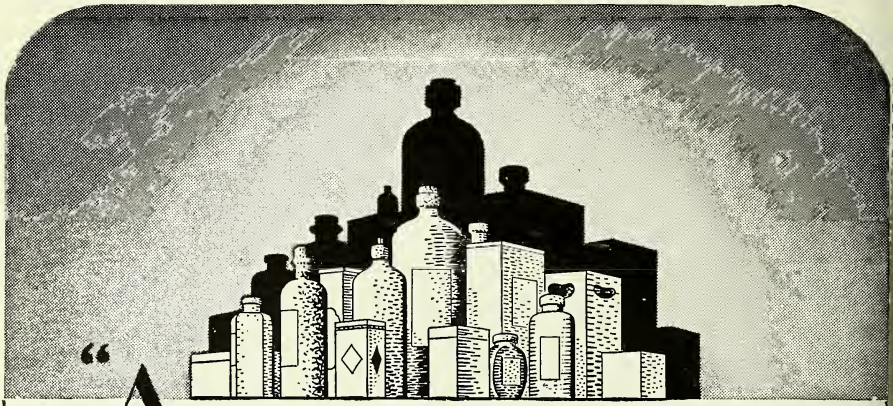


"A policy of supplying only the finest pharmaceutical preparations, at reasonable prices, has been consistently maintained for over 75 years."

Thus does GOODWILL increasingly grow on a sound foundation.

BULK DRUGS ★ DISINFECTANTS
TOILET PREPARATIONS ★
★ PACKED PHARMACEUTICALS

WRIGHT, LAYMAN & UMNEY
LIMITED
SOUTHWARK · LONDON · HOP 2315

WT

RETURN OF OUTERS

Important modifications to the

GLAXO CREDIT SCHEME

1. New Scale of Payments. Fibre for making paper and board is severely rationed so that munitions can have maximum supplies. Thus it is vital—to you, as well as to us—that the fibreboard cases in which you receive Glaxo products are returned to us for re-use *without fail.* To encourage your co-operation still further, we have now re-scaled the sums we are willing to pay for each outer returned in good condition, as follows :—

Large sizes (e.g. 4 doz. Ostermilk)	1/-	each
Medium sizes (e.g. 2 doz. Ostermilk, 3 and 4 doz. Farex and Glucodin)	9d.	„
Small sizes (e.g. 1 & 2 doz. Glucodin; No. 14 Glucodin Display; 1 doz. Ostermilk	4d.	„

2. Return your Outers by POST. There is no need to return outers by rail unless you are sending a big consignment (e.g. 56-lbs. or over). Small bundles can be accepted by Parcel Post—a great convenience* String several outers together, add a label addressed to us (quote your own name and address on each item so that we may know where to send the credit sums) and post at any G.P.O. or Parcel Office. Simplicity itself! The minimum postage is 7d. (up to 3-lbs.) and the maximum weight of 15-lbs. costs 1/1d. so that you can always get back substantially more than you pay out. Please, in your own interest, co-operate faithfully—and at once. We must have all outers back so that we can continue to supply you.

3. Glaxo Wooden Cases. We will continue to pay 1/- for every wooden case of ours, and 4d. for every wooden postal box, returned carriage paid home and received in good condition. These must, of course, be consigned by rail.

Please address all outers to "Glaxo, Greenford, Middlesex," and if sending by rail, consign every parcel CARRIAGE PAID HOME. You do not need to advise us separately when posting a consignment. But be sure to add your own name and address. Your co-operation is National Service; the return of all outers is a National need. Please study thoroughly the details set out above, and instruct your staff accordingly.

* *The only postal restrictions are that the weight of each parcel must not be more than 15-lbs. (say 6 or more of the small size; 4 of the medium; 3 of the large) and must not measure more than 6 ft. in length and girth combined (just a matter of folding the largest carefully).*

Glaxo Laboratories Ltd. Greenford, Middlesex.
BYRon 3434

PRODUCT OF THE GLAXO LABORATORIES

BRITISH ALKALOIDS LTD.

MANUFACTURERS OF "T.C.P."

The Thirteenth Annual General Meeting of the British Alkaloids Limited (Manufacturers of T.C.P.) was held on Thursday, the 18th June, at Winchester House, Old Broad Street, E.C., Dr. E. J. Parry presiding in the absence of the Chairman, Lt.-Col. Edward Gowlland, D.S.O., M.B.

CHAIRMAN'S ADDRESS

It has been the privilege of your Chairman in the past to address you at the Annual General Meeting, but in common with many other Public Companies with a view to economy, it has been decided this year to depart from former procedure, and I am therefore circulating my speech with the Report and Accounts. This decision will, I feel sure, meet with your approval.

Your Board consider the results for the year are particularly gratifying, taking into account the heavy burden of taxation and the exceptional difficulties which have presented themselves.

As you will have seen from the Accounts the Profit, after charging £44,500 estimated Excess Profits Tax, stands at the figure of £58,525. After deducting the Interim Dividends paid in November last, there remains a balance of £54,486, to which must be added the amount of Profit brought forward from the previous year, namely £1,163, making a total of £55,649. This figure your Directors have dealt with as follows:—

Written off balance of Advertising A/c.	£26,970
Transferred to General Reserve	4,000
And to Taxation Reserve ..	15,000
	£45,970

After giving effect to these appropriations there remains a balance of £9,679 out of which your Board recommend payment of the following Final Dividends: 8·6 per cent., less tax, on the 8 per cent. Participating Preference Shares, making 16·6 per cent., less tax, for the year, and 13 per cent., less tax, on the Ordinary Shares, making 25 per cent., less tax, for the year.

These Dividends amount to £4,366 os. 9d. and if approved Warrants will be posted on 19th June, 1942.

The Balance remaining after giving effect to these recommendations amounts to £5,313 which it is proposed to carry forward subject to Directors' Additional Remuneration under Article 95.

Now on turning to the Balance Sheet you will see that General Reserve has increased to £21,000 by the addition of the sum of £4,000 mentioned above, whilst Taxation Reserve receives a further £15,000, bringing that Account to £64,129. This latter figure we are advised should fully cover the Company's E.P.T. and Income Tax liabilities for the year. The Chancellor of the Exchequer stated in his Budget Speech on the 14th April last that Section 28 of the Finance Act 1941 provides that in certain circumstances 20 per cent. of the E.P.T. paid when such tax operates at 100 per cent. may be repaid as Parliament may direct after the present War, and that such 20 per cent. rebate shall, subject to conditions, be deemed to accrue by statutory right.

This means that for the two years to the date of these accounts, the Company has a contingent Asset amounting to approximately £13,000 (less tax). Beyond this brief reference to the matter, further comment would not appear to be advantageous at this stage.

Property Account shows little change, but Plant and Machinery Account has advanced by £1,544. Depreciation is at the same rate as before. Stocks have risen from £22,000 to approximately £28,500, which reflects the upward trend of Sales. Sundry Debtors at £71,659 have increased by £792 only, and in view of the very much larger turnover this can be considered most satisfactory. Liquid Assets have advanced by £11,667 to £31,549. Sales, as already indicated, have considerably increased during the year under review, and represent an advance of over 26 per cent. compared with those for the previous year. This reflects a growing and more wide-spread knowledge and appreciation of the value and efficacy of T.C.P. and its allied products.

Export trade has shown a satisfactory increase, but limitation of shipping space has proved an increasing barrier to continuity of supplies to certain countries. Nevertheless no opportunity is being neglected of furthering our interests abroad as occasion arises.

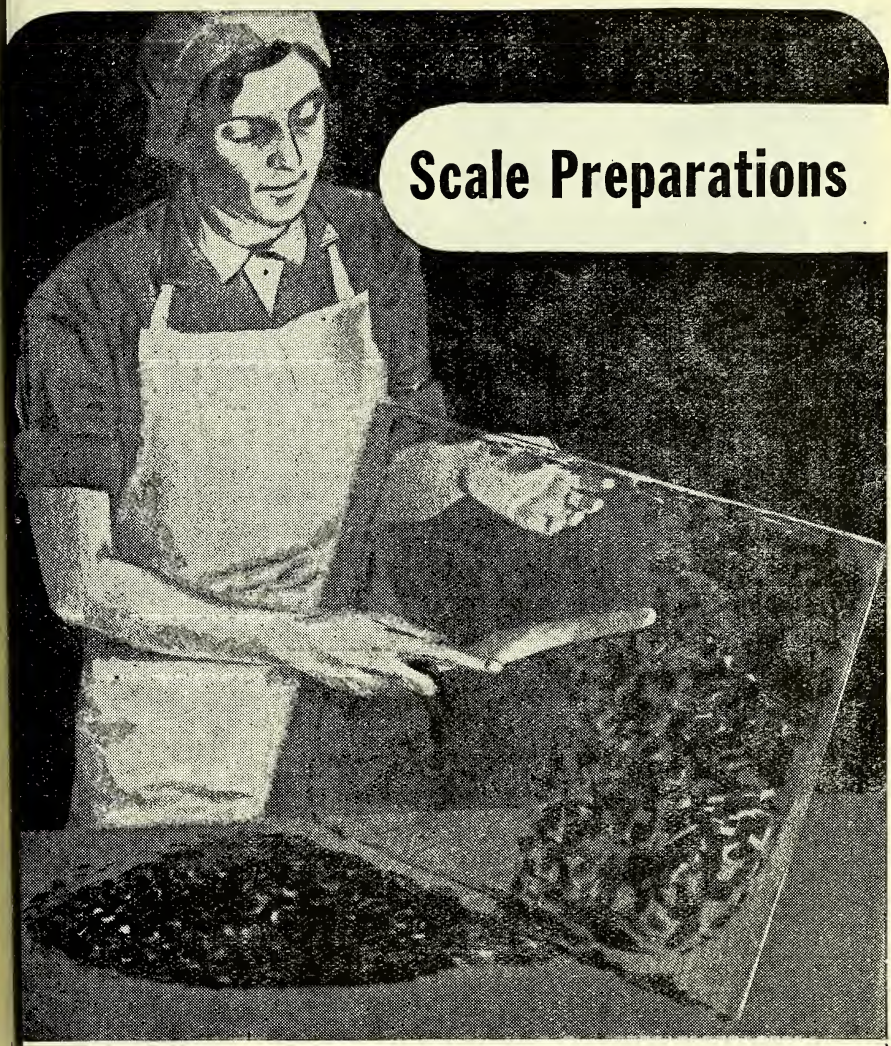
Orders for T.C.P. continue to be received from a number of Government Departments without prior contact, and your preparation has become almost a household word in the First Aid and Welfare Departments of many of the principal Factories engaged on War Production.

During the year our Factory and Offices were placed on the Schedule of Protected Establishments, thus confirming our claim to be engaged on work of National Importance in the production and distribution of essential medical supplies

Once again we are indebted to our friends the Retail Chemists, and to all sections of the Trade, who have been so helpful during the past year. Their understanding of the difficulties of manufacturers occasioned entirely by war conditions has been very much appreciated.

I cannot conclude without paying tribute to the fine work accomplished by the Staff both at the Factory and the Office, including that of our Sales Organisation, Medical Products Ltd. All have worked well under most trying conditions throughout the year. At the same time we always have in mind those who are playing an active part for the Country in H.M. Forces—we wish them the best of luck and a safe and speedy return.

The report was unanimously adopted.



FINE CHEMICAL WORKS

EVANS

EVANS SONS LESCHER & WEBB LTD

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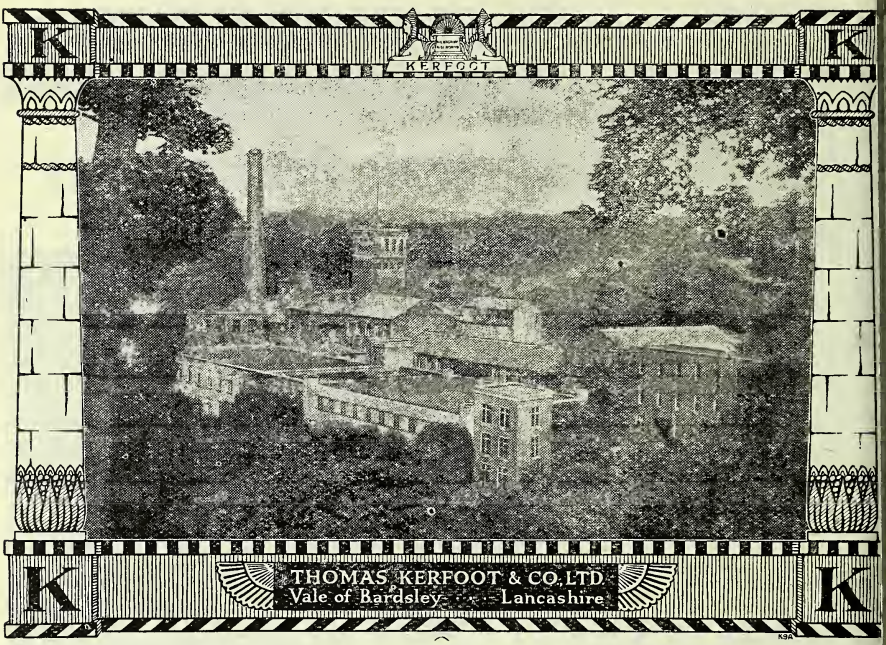

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The "MODERN" TEAT

BRITISH MADE

ANTI-COLIC ODOURLESS TASTELESS HYGIENIC

Here is a Teat embodying all the selling points the ideal teat should have!

NEAREST TO NATURAL FEEDING

- **Collar ensures firm grip on bottle—cannot be pulled off by the baby.**
- **Ball Top—one hole perforation ensuring steady flow.**
- **Buffer Shoulder protects the baby's mouth.**
- **Tab enables teat to be slipped over bottle instantly with minimum handling.**

In addition . . . the 'Modern' Teat has been designed to meet the needs of both mother and baby—and, what is vitally important these days, the teats last longer. Each teat is packed in cardboard shell completely enveloped in cellophane and each one is tested and passed as perfect before it leaves the factory.

Obtainable from your usual wholesaler. Manufactured by

THE CANNON RUBBER MANUFACTURERS LTD LONDON, N.17

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TRADE NOTICE

We are now in a position to supply to regular customers *with other goods*—

1 DOZEN Bladder Comfort Pills

1 DOZEN Blood Cherries

Announcement by W. B. Cartwright, Ltd., Rawdon, Leeds

"I know it is difficult"

Your customers continually ask for **SILATEX** and **SANTRON** and yet you cannot obtain sufficient supplies to meet the demand. We are doing our best to arrange distribution to wholesalers so that all Chemists obtain their fair share. The demand is ever increasing but the shortage of raw material is a matter we know you will understand.
There is no shortage of **RENDELLS** or **MENSINOLE** and all Wholesalers now have ample stocks, so continue to display Rendells Products for Feminine Hygiene. It creates new customers and gives confidence to regular users.
Special Chemists' Display Material is still available, so write to-day for a supply.

RENDELLS
SILATEX
SANTRON
MENSINOLE

RENDELLS PRODUCTS

For Feminine Hygiene

J RENDELL LTD · HARDWICK HOUSE · 161-5 ROSEBERY AVENUE · LONDON E.C.1

SPECIALISTS
in the manufacture of
PILLS and TABLETS

★ ACCURACY & ★ UNIFORMITY

ARTHUR H. COX AND CO. LTD.
BRIGHTON

Manufacturing Chemists since 1839

'SURE SHIELD' Products

SURE SHIELD
THE SURE SHIELD
SERIES
REGD REGD
BRAND
SURE SHIELD

Due to shortage of supplies, combined with the curtailment of our staff, we wish to assure our many trade friends that we are using every effort to maintain an equitable distribution of our Products.

Please Note

1st. All Orders are forwarded in strict rotation and we are now 5–6 weeks behindhand in delivery.

2nd. Due to the position, all additions can only be treated as separate orders

Sugar Confectionery Order

All our products are Medicinal and not subject to the above order, and as such, are subject to Purchase Tax. Our printers have in hand a range of formula labels to meet the requirements of customers who retail goods from bulk parcels—these will be supplied at a nominal charge.

Thos. Guest & Co. Ltd. *Manufacturing Chemists*
Carruthers Street, Manchester, 4

CARTONS

A limited amount of board has been released for the manufacture of sleeves for the packing of bottles and collapsible tubes.

It is not permissible to use a complete carton for this purpose, but we have designed a very neat Sleeve that provides every protection for the bottle or tube, and may be used over and over again.

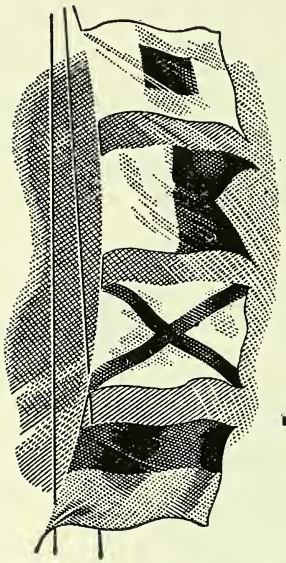
Its features are: it is simple and quickly packed, and therefore eases labour and packing costs.

It affords complete protection to the bottle or tube, and therefore saves breakages.

It has an indefinite life and thus saves wastage, and finishes up as salvage towards the National Effort.

Write for samples.

THOMAS WAIDE & SONS, LTD. *Printers & Carton Manufacturers*, **LEEDS**



N. C. R. Ticket Issuing Machines MUST Do Their Duty

Operated efficiently, National Cash Register ticket issuing machines materially assist the war effort. Vast saving of paper, protection against shop-lifting, and a speeding up of depleted service result from the *full use* of a National ticket issuing machine.

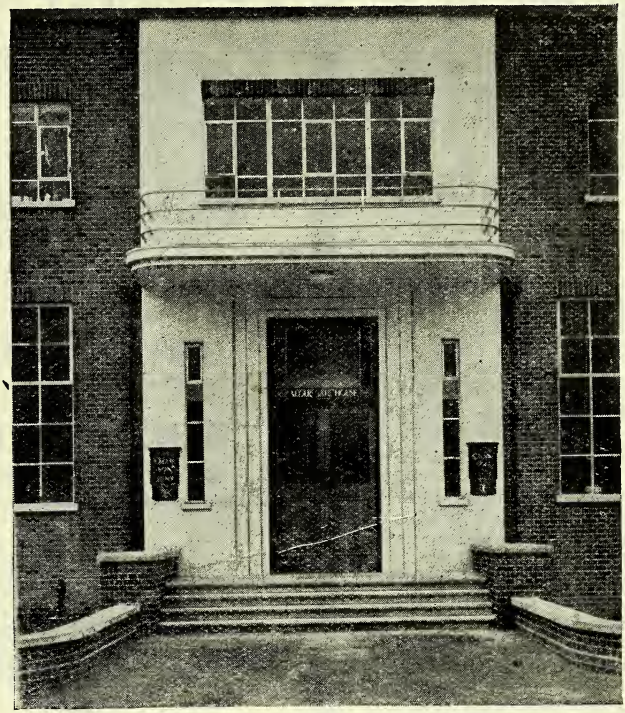
Of the many thousands of these machines in operation not all are being fully operated. Some lack ticket refills, others are out of order. Whatever the cause for inefficient use of a National ticket issuing machine, there is no reason for it to continue.

Machines on essential work have priority claim on National servicing staff arrangements, but no user of a National ticket issuing machine need wait long for help and advice. If *your* machine is not in condition to perform its full purpose, get in touch with our Servicing Department.

National

The National Cash Register Company Ltd.

THE HOUSE OF MAW



Efficiently at Your service!

S. MAW, SON & SONS, LTD.,

ALDERSGATE HOUSE, NEW BARNET, HERTS.

TELEPHONE — BARNET 5555. TELEGRAMS — ELEVEN, BARNET.

This is NEWS!

BY APPOINTMENT

VINOLIA COMPANY LIMITED.
SOAP MAKERS AND PERFUMERS
BEBINGTON, WIRRAL, CHESHIRE.
Telephone & Telegrams - Rock Ferry 2000.

WARTIME MERGER

Dear Sir,

We have arranged for our old friends, Messrs. D. & W. Gibbs Ltd., to act as our Selling Agents as from June 29th next until further notice.

The quality of our products and the general policy behind them will be maintained, and we are sure that the House of Gibbs will give you the same willing service that we have always endeavoured to provide.

In some cases a Vinolia representative will be calling upon you on behalf of both Gibbs and Vinolia. In other cases a Gibbs' representative will now serve you on behalf of Vinolia as well as Gibbs.

We have greatly appreciated your interest and co-operation in the past. We hope you will continue to give this to Messrs. D. & W. Gibbs Ltd. on our behalf and we trust that we shall each deserve still more of your goodwill in the future.

With compliments and thanks, we remain,

Yours faithfully,
Vinolia Co., Ltd.,

H. A. Lawrence

Chairman.

P.S.

All communications should now be addressed to Messrs. D. & W. GIBBS Ltd. UNILEVER HOUSE, BLACKFRIARS E.C.4

VT 200/923

EUCRYL DENTIFRICES

BOUGHT ON DISPLAY TERMS YIELD PROFIT ON :—

SELLING PRICE	BUYING PRICE
39%	63·6%

Eucryl Tooth Paste has an increasing Sale.

EUCRYL LTD.
SOUTHAMPTON

LONDON & PROVINCIAL FACTORS LTD
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CALOX

OXYGEN TOOTH POWDER

Generous profits . . .

Quick sales . . .

Satisfied customers . . .

Despite prevailing conditions CALOX is still supplied to the retailer at the same prices as those ruling before the war—generous profits indeed. Meanwhile, CALOX sales are steadily rising as customers prove its value and return for more—sold and satisfied. Cash in on today's increased demand and be sure your stock is adequate to meet it.

Handy size (retail **1/3** including tax) **8/-** per dozen
Family size (retail **2/5½** including tax) **16/-** per dozen

P. A. T. A

McKESSON & ROBBINS
LTD.

Eagle House, Cannon St., London, E.C.4

YOU MUST GET ME BACK!

The country's shortage of metal makes the collection of all old metal tubes vital to the national effort.

YOUR HELP IS ESSENTIAL!

Do these 4 things :—

- (1) Every time you sell any tube product, ask the customer to return the old tube.
- (2) Place any handy container (e.g. glass jar, cardboard box, etc.) on your counter, in which customers can deposit their empty tubes.
- (3) Fix to the container the Show Card which has already been sent to you.
- (4) Display the Show Bill in your window.

Collections from retailers will be made at intervals of 3 to 4 weeks

ALL PROCEEDS WILL GO TO THE

RED CROSS & ST. JOHN FUND

Issued by
THE DENTIFRICE MANUFACTURERS OF GREAT BRITAIN
(Dentifrice Manufacturers Section, London Chamber of Commerce, 69, Cannon Street, London, E.C.4.)

MRT 2-285-100

DRENE

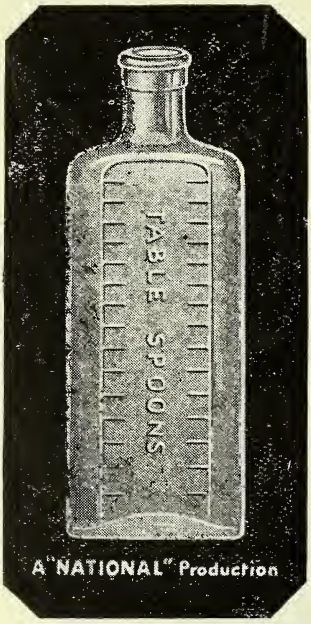
SHAMPOO

LIMITATION OF SUPPLIES (TOILET PREPARATIONS) ORDER

For the new quota period ending July 31st, 1942, the amount of Drene Shampoo we are permitted to supply is only 4% of standard period purchases. This proportion when allocated individually is so small that, much as we would like to do so, it is impossible for us to consign it direct. To ensure fair distribution amongst our many Retail friends, therefore, we have no alternative during this short two months quota period but to release our entire quota to the Wholesale trade.

We feel sure you will appreciate that the circumstances are beyond our control, but if Board of Trade restrictions permit us to revert to direct consignments after August 1st, we are well equipped to do so.

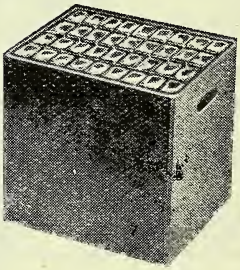
THOMAS HEDLEY AND COMPANY, LTD.,
Collingwood Street,
Newcastle-on-Tyne.



"National" Dispensing Bottles

are Strong, Serviceable and Sure-sealing !

NEATLY PACKED IN 6 DOZEN NON - RETURNABLE CARTONS



★ *CONVENIENT IN SIZE*
★ *EASY TO HANDLE*
★ *UNIFORM IN QUALITY*

ALSO . . . Cork mouth bottles WASHED & PAPERED
Screw mouth Bottles WASHED & CAPPED

SCREW CAPS SUPPLIED in WHITE-ENAMELLED METAL

Vials

of "NATIONAL" quality

Ranging in size ½ oz. up to 3 oz.
Plain or teaspoon graduations
Medium and tall types

MANUFACTURED IN BEST QUALITY WHITE FLINT, AND PACKED IN FREE NON-RETURNABLE CARTONS

Restrictions outside our control, may not allow us to meet every requirement

National Glass Works (York) Ltd.

Works: FISHERGATE, YORK
Telephone: York 3021

London Office: 105 HATTON GARDEN, E.C.1
Telephone: Holborn 2146

WHOLESALE ONLY

The Standard of Reliability

DIGITALIS PULVERATA

(BIOLOGICALLY ASSAYED & ADJUSTED)

Manufactured under strict scientific control from leaf grown on our own Long Melford farms.

StaffAllenS

STAFFORD ALLEN & SONS LTD

WHARF ROAD, LONDON, N.1 · Phone CLErkenwell 1000 (7 lines)

DŌ-DŌ-

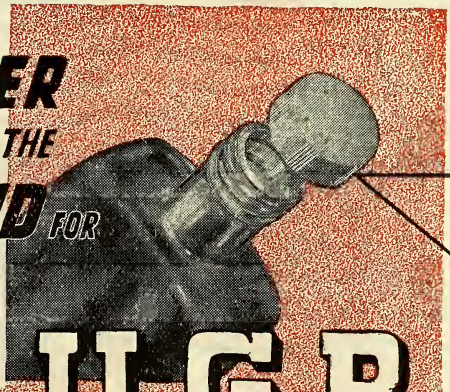
the Asthma Tablet which is on National Service - always

P. A.
T. A.

RETAIL PRICES
INCLUSIVE OF TAX
1/1½ - 3/4½ - 11/10

INTERNATIONAL LABORATORIES LTD.
CHARLBURY, OXFORD • Telephone Charlbury 29

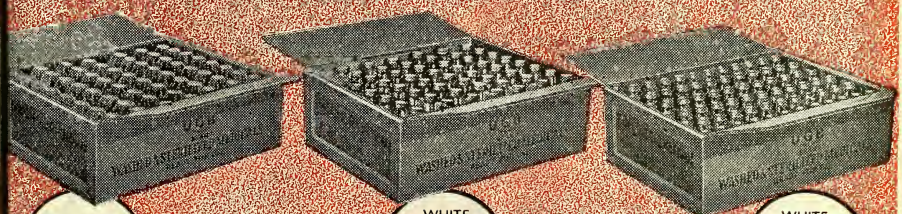
GREATER THAN EVER IS THE DEMAND FOR



PERFECTED WHITE CAP

U.G.B

MEDICAL BOTTLES



CORK MOUTH

WHITE ENAMELLED METAL SCREW-CAP

WHITE KORKALITE MOULDED CAP

WASHED AND STERILISED
—READY FOR USE—
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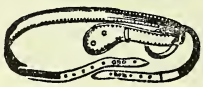

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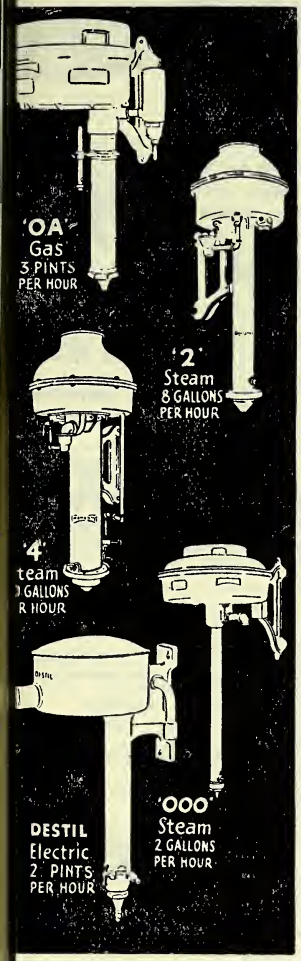

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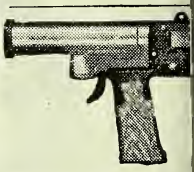

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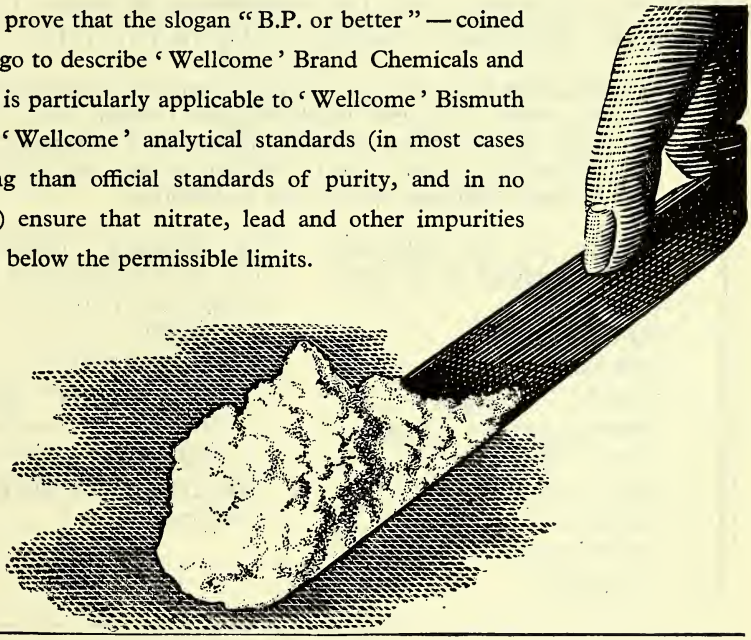

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PHARMACY AND MEDICINES ACT, 1941

"NAPP" Products have, for some months past, been correctly labelled in accordance with the requirements of Section 11 of the above Act, which comes into force on the 1st July, 1942.

Chemists may, however, have in stock old packings of certain Products which require revised labels. They are therefore advised, in their own interests, to examine their stocks, and to return any not bearing a detailed formula for re-labelling.

Old stocks of the following "NAPP" Products may need re-labelling:—

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- **"KEROL"** Capsules
- **"NAPOLEON"** Cough Cure Powders
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- **"XOROX"**

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NEWS OF THE WEEK

Limitation of Supplies.—The Board of ade has issued the Limitation of Supplies oilet Preparations) No. 3 Order, which als in the main with drafting amendments the No. 2 Order.

Soap Rationing.—The Ministry of Food nounces that the reduction in the soap ocation for certain categories of users as om June 29 will not affect industrial dertakings which use soap in manufacring processes.

Trading with the Enemy.—The Board of ade has made an order (S. R. & O., 1122; M. Stationery Office, price 3d.), operative om June 20, containing 507 additions to e "black list" of traders in neutral untries with whom it is unlawful to have alings.

Retailers' War-damaged Goods. — The oard of Trade announces that by an endment which took effect on June 15, e quota-free replacement of goods which d suffered war damage before June 1, 42, and for which no application had en made before June 15, will no longer be allowed under the general licences, S. R. & O., Nos. 1451 and 2061 of 1941. Suppliers who hold applications from traders whose goods were bombed before January 1, 1942, and against which deliveries have not been completed, should forward full particulars to the Board of Trade, B/R, Carlton Hotel, Bournemouth.

Purchase Tax.—The following decisions regarding the liability of certain articles to tax are published as supplementary to those already given in Notices No. 78 and 81. Class 16.—Fancy or ornamental goods are chargeable at 66⅔ per cent. including: Photograph frames and picture and mirror frames for domestic or other use; book markers, book ends, book straps and carriers; paper weights; scented sachets; dog coats, collars, harness and leads; imitation bones or biscuits and other dog novelties; articles in fancy brassware or copperware; walnut tableware, etc.; all autograph albums, photograph albums and postcard albums, fancy blotters and fancy writing compendiums.

Belfast Theft Charge Dismissed.—At Belfast Custody Court, on June 15, a charge against William J. Bellingham, Derrykeegan, Dervock, co. Antrim, of stealing two razor blades and a tin of talcum powder, was dismissed.

Quota Restriction Removed.—The Eire Government has removed the quota order, until December 9 next, on household, toilet and miscellaneous brushes. They can now be imported freely but where duty is payable this will continue.

Glasgow City to Make Own Tablets.—The Medical Officer of Health for Glasgow has been authorised by the Health Committee to purchase a granulator and tabletting machine to make the tablets used in the department.

Alcohol from Seaweed.—The Industrial Research Council of Eire has conducted experiments on the production of ethyl alcohol from seaweed which show that yields equivalent to 13 to 16·9 gallons of alcohol per ton of air-dried autumn weed can be obtained.

South-eastern Associations.—The thirtieth annual general meeting of the South-east London Chemists' Association was held on June 11, when Mr. Alex Smith was re-elected *President*, Mr. Archer was elected *Vice-president*, and Mr. Collins was re-elected *Secretary*. The Council was augmented by a number of young and enthusiastic pharmacists.

Shortening of Medical Curriculum.—Acting on a recommendation by the Ministry of Health, the General Medical Council, through its education and examination committees, has approved a proposal that students who produce evidence of having completed the whole of the curriculum after thirty months (against thirty-six) of approved medical studies shall be admitted to the qualifying examinations.

Meeting of Statutory Committee.—The Statutory Committee of the Pharmaceutical Society of Great Britain will meet on July 1, at 2.30 p.m., at 17 Bloomsbury Square, London, W.C.1, to consider information and evidence received by the Committee from which it appears that a body corporate which is carrying on business as an authorised seller of poisons, and a registered pharmacist being superintendent and managing director of that body corporate, have been guilty of misconduct arising from the distribution of literature.

Northern Ireland Examination Results.—The following candidates passed in th summer examinations of the Pharmaceutic Society of Northern Ireland: PART II (fin Qualifying examination), R. E. Courtena J. J. Farrelly, P. J. Gallagher, T. G. Hann G. P. McCann, J. L. McKee, R. E. McKnigh S. McMurray, K. A. Ramsay, G. A. Taylo H. Wallace. PART I (Preliminary Scientif examination), Miss S. A. Irwin, J. I Loughrey, V. H. Lyness, P. J. Malli J. D. A. Mulhern, J. P. Mullin, Miss E. F. M Musgrave, H. B. McCafferty, Miss (MacDermott, R. McKinley; Miss E. I Plenderleith, W. T. Pyper, Miss G. M. I Reynolds, J. Russell, and F. Ward.

British Chemical Plant Manufacturer Association.—The following officers an committee were appointed at the annua meeting of the Association held on June 18 *Chairman*, Dr. G. E. Foxwell (Clayton, So & Co., Ltd.); *Vice-chairman*, Mr. K Fraser (W. J. Fraser & Co., Ltd.); *Trea surer*, Mr. W. S. Knight (Kestner Evapor ator & Engineering Co., Ltd.); *Committee elected members*, Messrs. W. R. Beswick D. M. Henshaw, G. N. Hodson, W. J Hooton, S. J. Ralph, and B. N. Reavell *co-opted members*, Messrs. H. G. Edmonds J. C. Haithwaite, R. Lessing and J. Mac Gregor.

Address on C.F. Scheme.—The annua meeting of the Wimbledon Pharmacists Association was held recently, the chai being occupied by Mr. James. Followin adoption of the balance sheet the thre retiring committee members, Messrs. James Weston and Hughes, were re-elected Messrs. Bowen and Cunningham were re-appointed as auditors. After the forma business of the meeting an address was given by Mr. Kemp (of the N.P.U.) on the C.F. scheme. In outlining its history he said that 1942 was its most critical year One reason he gave why chemists should give their support to the scheme was that to eight sellers of patent medicines there was only one chemist, and this would have a big effect after the war. He also showed that chemists did not lose by strictly adhering to the scheme. A vote of thanks to Mr. Kemp was proposed by Mr. Fenton and seconded by Mr. Cunningham. The secretary was asked to send a letter to the local M.P. regarding the rationing of honey.

Eire Herb Collection.—Rural science instructors, domestic economy teachers and local agricultural and horticultural committees have been asked by the National

gricultural and Industrial Development ssociation to co-operate in collecting edicinal herbs. The Association suggests e setting up of supply centres. When ese centres are started the firm dealing ith the collection and packing of the oducts will arrange to collect them. At resent there is no market in Eire for ese herbs, and they have to be exported. he Association is anxious that an incentive ould be given to Irish firms to buy locally.

In the Courts.—At Edinburgh, recently, illiam Donaldson Drummond, chemist d druggist, was sentened to twelve onths' imprisonment on a charge of tempting to procure abortion.—At Kilarnock, recently, three Chinese appeared charges under the Dangerous Drugs Act. e pleaded guilty to having 400 grains prepared opium on board a ship and was ed £20. Another had in his possession grains of opium and smoking utensils d was fined £3. The third was charged th having in his possession 776 grains of epared opium and was fined £1.

Northern Ireland Education Committee.—meeting of the education committee of e Pharmaceutical Society of Northern land was held on June 26, the vice-esident (Mr. H. F. Moore, Ph.C.) in the air. Messrs. J. McDowell, Ph.C., J. T. choll, Ph.C., and Walter C. Tate, Ph.C., re present. It was agreed that the rtificate of Apprentice to a Pharmaceual Chemist should be granted to the llowing students who had submitted rtificates as noted: SENIOR CERTIFICATE XAMINATION, MINISTRY OF EDUCATION .I.): Alan Armour Alcorn, Lakeview, nagh, co. Tyrone, 1938, No. 748; Joseph evin Falls, Aughamullin, Coalisland, Tyrone, 1941, No. 570; Matthew cBride, Carren, Trillick, co. Tyrone, 39, No. 734; Samuel Aaron Ruben, 14 awkin Street, Londonderry, 1940, No. 603. ATRICULATION EXAMINATION OF THE NIVERSITY OF LONDON: William James udy, 9 Nevis Avenue, Belfast, January 42.

Manchester N.P.U. Branch.—The annual eting of the Manchester and Salford anch of the National Pharmaceutical ion was held at the Onward Hall, Manester, on June 16, Mr. N. Wilkinson in chair. The report of the executive was mitted by the secretary (Mr. T. Miller), d the treasurer (Mr. G. H. Haines) subtted the financial statement. Mr. M. wards proposed that the executive should be increased from sixteen to twenty-four members. This was accepted and the new executive was elected on this basis. The additional members elected were Messrs. S. H. Blore, G. Fildes, A. J. Freeman, J. Glyn Jones, J. Lomax, E. A. Peace, E. K. Storey, and G. I. Thomas. Votes of thanks were accorded to the chairman (Mr. Wilkinson) and the other officials for their services during the year. Mr. Kirkbride was re-elected *Auditor*. Mr. H. Steinman (a member of the N.P.U. Executive) then addressed the meeting on the general activities of the N.P.U.

Russia *X*-ray Appeal.—The annual meeting of the Southgate and Wood Green Division of the North London Pharmaceutical Association was held on June 16 at Southgate. The secretary's report indicated that there had been considerable activity during the past year. It was recorded that twenty-five proprietors and assistants had subscribed over £63 to the Russia *x*-ray appeal and that the secretary would be glad to receive the balance necessary to realise the aim of £100. A long discussion on Branch organisation revealed that the majority of pharmacists are inactive in local pharmaceutical organisations because they have only the most hazy idea as to the responsibilities and privileges of membership . . . the unanimous opinion was that steps should be taken by the Council to impress upon members of the Society their moral obligation to co-operate in the running of the local branch. The officers are: *Chairman*, G. Duncan; *Vice-chairman*, A. Wilkinson; *Treasurer*, G. Walters; *Secretary*, T. C. Neville Booth, 44 Cannon Hill, N.14.

Huddersfield Chemists' Protest.—At a meeting of the Huddersfield Branch of the Pharmaceutical Society, held recently, the following resolution was passed: "That this branch of the Pharmaceutical Society deprecates most strongly the action of the Council in cancelling the Branch Representatives' meeting and is of the opinion that this action, coupled with the non-holding of the Council election, is against the best interests of pharmacy and is not democratic." The meeting also requested other branches who are in agreement to send a letter supporting the resolution and call on the Society to reinstate the Council election and Branch Representatives' meetings. Among the reasons given in support of the resolution were: (1) That it was somewhat illogical that the Council should cancel a delegates' meeting, which usually had an attendance

of under 250, at the request of the Government, when at the same time much larger conferences were being held, at which members of the Government and Cabinet were present; (2) that since the Council election had been cancelled, the Branch Representatives' meeting was the best means for the Council to keep in touch with the feeling of the Branches on the many important issues that confront pharmacy.

Campaign for Better Terms.—The secretary, Bath Branch of the National Pharmaceutical Union, points out that the Branch will continue to campaign now for better terms for National Health Insurance dispensing terms at the end of the war. Any suggestion that it will suspend its activities in this connexion is erroneous.

Retail Trade Committee.—The Retail Trade Committee, which was appointed just over a year ago by the President of the Board of Trade (at that time Mr. Oliver Lyttelton) "to examine the present problems of the retail trade in goods other than food, having regard both to the immediate needs of the conduct of the war and the position after the war," has presented its third report. This will be on sale on June 27, price 9d. The Minister is now considering the report.

Flour in Ice Cream.—The Minister of Food has issued a General Licence under the Flour (Restriction on Use) Order which permits the use of ready-made ice cream powder by any person (other than the maker of the powder) in the manufacture or ice cream, notwithstanding the fact that by the use of such powder the flour content of the final product does not consist of at least three-quarters of national or higher extraction flour. Thus the ice cream manufacturer using a ready-made powder is not required to ascertain the exact proportion of flour contained in it, or its constitution as between white flour and national flour; nor is the ice cream produced from the powder required to comprise, as regards its flour content, three-quarters of national flour and one-quarter of white flour.

Exports to India.—The Government of India have issued a notification superseding the open general licence No. II previously applying to imports of most goods from the United Kingdom. The effect is that special import licences will be required for the importation from this country into India of goods previously covered by the open general licence when such goods are dispatched from the United Kingdom on through consignment on or after July 1. These licences will be valid in the first instance to cover shipments during the period of six months ending December 31, 1942. The notification has a similar effect as regards imports from Australia, Canada and Newfoundland.

A.P.E. Conference.—A conference of delegates representing branches of the Association of Pharmaceutical Employees in Yorkshire was held in Leeds recently. It was decided to create a Yorkshire federation and to hold periodical conferences. Mr. M. Jackson, Leeds, presided. An executive committee was elected as follows: Mr. T. Cargill, Hull, *Chairman*, Mr. P. M. Forrest, *Secretary*, 13 Cliffe Lane, Leeds, with representatives from Hull, Huddersfield, Sheffield, Bradford and Halifax. The conference passed a vote of confidence in the A.P.E. Following a discussion on organisation and wages, the conference passed a resolution "That postgraduate and revision courses for pharmacists should be instituted at the earliest practicable opportunity." In the afternoon the conference members of the Leeds Branch were addressed by Mr. E. Franks (president of the National Trades Union Association of Approved Societies), who dealt with many aspects of National Health Insurance. In dealing with the future of public health he emphasised the need for preventive measures and for even greater co-operation between the medical and pharmaceutical professions, and he had noted that the pharmacist in the past had taken a position subordinate to the medical profession. Medical and pharmaceutical research should be adequately subsidised. The conference passed a resolution "That the A.P.E. should set up a committee to advise the Approved Societies and the trade union movement on appropriate occasions with a view to ensuring an improved pharmaceutical service to serve the national interests."

Salvage Competition.—This national contest, in which every village, town and city can take part, is proving a great success. Your collection of waste paper of all descriptions will help your district to win one of the substantial money prizes, and so help your local hospital and other charities. The consumption of waste paper for making munitions continues to increase week by week. Your bundles will help meet this growing demand.

TOPICAL REFLECTIONS

Prohibited Advertising

The importance of the prohibition embodied in Section 8 (1) of the Pharmacy and Medicines Act, 1941, justifies the detailed discussion you have given it on pp. 677-78. The basic sense of the problem being thus clearly put before them, your readers will be able to apply it to their own requirements. It may also be worth while for them to refresh their memories on the general aspect of the subject by turning to such paragraphs on the old Medicines Stamp Acts as the one beginning "Recommendation of a medicine" in "Pharmaceutical Formulas" (Vol. I, p. 1003) or in the *C. & D. Diary* for 1938. Border-line cases will no doubt give the most trouble. Loss of weight, for instance, may presage a tuberculous or a cancerous condition, or may be transient and relatively unimportant. The converse symptom, an increase in weight, may similarly be negligible or may indicate a need for medical advice. (In lighter vein, the sketch of a lady with a shopping basket in your issue of June 13 comes to mind.) Backache is, as you point out, not necessarily a sign of Bright's disease: only a few days ago I met a middle-aged man who was incapacitated by lumbago. When reading Dr. Wokes's seventh article on nutrition in war-time (pp. 682-83) I was reminded of the class of substances on the boundary where food and medicine meet; the advertising of these involves careful consideration. The practical suggestion with which your editorial comment ends is valuable. It may be that the manufacturers affected by the subsection referred to will be wise to print on every package a definite disclaimer in respect of the ailments named in it.

More About Planning

A resolution passed at Brighton (p. 666) and a remark by Mr. Walter Deacon at Glasgow (p. 671) show that planning for post-war conditions is taking its rightful place among the subjects to be kept in the foreground of collective thought in pharmacy. In our discussions we shall, I hope, bear in mind that, as I suggested in this section a fortnight ago, pharmacy is a profession and a trade. As a trade we shall have our difficulties when peace arrives—and they will not be slight. In a recent issue of "The Times" Mr. Arthur G. Marshall expressed the view that the peace will be harder to win than the war. Whether this proves to be the case or not, he went on to make a sound observation: "The small business should not be 'killed,' but should be fostered and given its proper activities as an economic unit working on specialist lines." That is well said; for surely the outstanding public advantage in the continuance of the small business side by side with the multiple concern is that it works "on specialist lines." Of no class of business is this more true than of pharmacy, in which at every turn customers need guidance. Mr. Marshall offered as a slogan "Don't kill but co-operate with your competitor," a more concrete version, as I read it, of the old "Live and let live."

The Doctors' Proposals

On the professional side we are now in possession of an interim report drawn up by the Medical Planning Commission of the British Medical Association, summaries of which have appeared in the Press during the past few days. Its plans have an ambitious scope, including the making available "to every individual all necessary medical services, both general and specialist and both domiciliary and institutional." The Commission proposes that a central authority concerned solely with all the civilian medical and auxiliary services of the country should be established. Pharmacy would presumably be included among the auxiliary services. The central authority, it is stated, might be either a Government department or "a corporative body formed under Government auspices, and responsible through a Minister to Parliament." The policy laid down by the central authority would be carried out by local authorities, each set up in a region or area containing not fewer than 500,000 people. Provision should be made for the representation of a university on the administrative council of each region or area. A majority of the Commission has rejected the suggestion of "A whole-time salaried Government service": it may well be that the experience of the British Medical Association in negotiating with the Ministry of Health on National Health Insurance conditions has not conduced to a desire for converting most of the medical profession into State servants. In this part of its policy pharmacists will, no doubt, be entirely in agreement with the draft proposals of the Commission.

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TRADE NOTES

Supplied with Other Goods.—W. B. Cartwright, Ltd., Rawdon, Leeds, are able to supply, with other goods, 1-doz. quantities of bladder-comfort pills and blood Cherries.

Credit Scheme Modified.—A revised scale of payments by Glaxo Laboratories, Ltd., Greenford, Middlesex, for returned empty fibreboard and wooden cases is given on another page.

Disinfectants.—White and black types of disinfectant solution, insecticides, horticultural preparations and veterinary ointment are offered by Goodall's (Disinfectants) Ltd., Birtley, co. Durham.

War-time Merger.—D. & W. Gibbs, Ltd., 23-28 Duke Street, London, W.1, will act from June 29 until further notice as selling agents for the products of the Vinolia Co., Ltd., Bebington, Cheshire.

Representatives Called Up.—Customers of A. de St. Dalmas & Co., Ltd., Dalma Works, Leicester, are asked to send in their orders direct, as the representatives are fewer because of war service and those remaining have larger territories to cover, with, of course, less frequent visits.

Sleeves for Bottles.—A certain amount of board has been released for making sleeves for bottles and tubes. Thomas Waide & Sons, Ltd., Kirkstall Hall, Leeds, have designed a neat-pattern sleeve that holds a bottle or tube securely; they will be pleased to forward samples on application.

Warning.—Investigations of complaints from prescribers that opiates supplied as Omnopon have failed to give the expected results have prompted Roche Products, Ltd., Welwyn Garden City, Herts, the makers, to issue a warning against substitution. Ample supplies of the speciality are understood to be available.

A Typographical Error.—An advertisement by Koray, Ltd., Bloomfield Road, Blackpool, on another page, contains the sentence, "Every day our stocks are low, you are missing sales." This should, of course, read, "Every day your stocks are low, you are missing sales." The error was discovered too late for correction in the advertisement.

Quota Through Wholesalers.—Thomas Hedley & Co., Ltd., Collingwood Street, Newcastle-on Tyne, have decided, owing to the small quota (4 per cent.) of Drene they are permitted to supply during the quota period ending July 31, to release the whole of it to the wholesalers. If permitted, they will return to direct consignments on August 1.

Supply Position Outlined.—Chemical & Natural Products, Ltd., Wimbledon Factory Estate, Morden Road, London, S.W.19, state that the small size of Scrubbs' cloudy ammonia is still not available, but it is hoped that existing orders for the 1s. 6d. size will be met during the next six weeks. Availability of the various packings of Razvite brushless shaving cream is also explained in an advertisement in this issue.

Apologies for Short Supplies.—London & Provincial Factors, Ltd., Wanie House, Aylmer Parade, Finchley, London, N.2, offer apologies for being unable to supply Wanie razor blades in former quantities, but undertake to share available stocks equitably.—Optabs, Ltd., 24-28 Chapel Street, Bradford, Yorks, apologise for any inconvenience caused by delay in executing orders for Optabs eye-lotion tablets. The main reasons are phenomenal sales and labour shortage. Extra staff has been engaged, and the company is working overtime. Orders are taken in strict rotation.

Beverage Tonic Wines.—Notices have been issued to stockists of Buckfast tonic wine (J. Chandler & Co. (Buckfast), Ltd., 26A Peterborough Road, London, S.W.6; Wincarnis (Coleman & Co., Ltd., 64 The Close, Norwich); Phosferine tonic wine (L. Rose & Co., Ltd., Grosvenor Road East, St. Albans, Herts.); and Hall's wine (Stephen Smith & Co., Ltd., London, E.3) to the effect that these specialities are intended to be used as drinks and not as medicines. To avoid misconceptions, the makers are revising the letterpress on labels, and accordingly ask for details of stocks in dealers' hands so that new labels may be supplied. Existing advertising and show material should be withdrawn by dealers.

Tonic Wine Formula Labelling.—Under the Pharmacy and Medicines Act, 1941, it becomes compulsory, on July 1, for medicated wines recommended for any medicinal purpose to bear on the label a precise statement of formula. The announcement that this is being done on all supplies now sent out is made by Whiteways Cyder Co., Ltd., Whimple, Devon, sole distributors of Sanatogen tonic wine.—Requests for details of existing stocks, preparatory to issuing the requisite number of revised

labels, are made in advertisements in this issue by M. Calthorpe & Co., 29 East Parade, Leeds, 1 (Vironita); Camwal, Ltd., London, Harrogate, etc. (Aquaperia); and Fletcher, Fletcher & Co., Ltd., Vibrona Laboratories, London, N.7 (Vibrona).

Revised Labels.—Owing to the labelling requirements of the Pharmacy and Medicines Act, 1941, becoming operative on July 1, existing stocks of certain proprietaries may become out of date. Requests for return to the makers of any such stocks are made by Foster-McClellan Co., 37-41 Mortimer Street, London, W.1. (Doan's backache kidney pills and ointment; Bilax; Mentex), and by H. R. Napp, Ltd., 3 and 4 Clements Inn, London, W.C.2 (Abecedin; Fiatal; Kerol capsules; Napoleon cough-cure powders; Raminal; Sembol; Somnosal; and Xorax). Details of existing stocks, so that new labels can be sent for affixing by the retailer, are requested by Dr. Hair's Asthma Cure, Ltd., The Mill, Stanwell Moor, Staines, Middlesex, and by Leslie Martyn, Ltd., 34 Dalston Lane, London, E.8 (Blanchard's female pills).—Axa, Ltd., 17-21 Emerald Street, Theobalds Road, London, W.C.1, state that all labels, printed matter and show material for Testonic, Testonique and Nuritabs meet the requirements of the Act.

Business Changes

Change of Name.—The trading name of P. S. King (Chemists), Ltd., 22 Sandy Park Road, Bristol, 4, has been altered to E. B. Dunn (Chemists), Ltd.

Proprietary Articles Trade Association

Alterations to Protected List.—*John Bell, Hills & Lucas, Ltd.* Tonic phosphates (J.B. brand), 4-oz., 2s. 3d., 16s. 6d. doz., tax 2s. 9d. doz., inclusive retail price 2s. 6d.; 8-oz., 4s. 1d., 30s. doz., tax 5s. doz., i.r.p. 4s. 6d.; 16-oz., 6s. 9d., 50s. doz., tax 8s. 4d. doz., i.r.p. 7s. 6d.

J. L. Bragg, Ltd. Bragg's charcoal tablets, 4s. 5d., 42s. doz., tax 7s. doz., i.r.p. 5s. Prices apply to new-size tin to be introduced in a few days' time. Until further notice prices for charcoal lozenges remain as at present.

Eli Lilly & Co., Ltd. Sodium Amytal brand sodium iso-amyl ethyl barbiturate. Twelve Pulvules No. 111, 1-gr., 1s. 6d., 12s. 7d. doz., tax 2s. 1d. doz., i.r.p. 1s. 8d.; forty Pulvules No. 111, 1-gr., 4s., 33s. 6d. doz., tax 5s. 7d. doz., i.r.p. 4s. 6d.; 500 Pulvules No. 111, 1-gr., 40s., 336s. doz., tax 56s. doz., i.r.p. 44s. 8d.; ten Pulvules No. 222, 3-gr., 3s., 25s. 3d. doz., tax 4s. 2½d. doz., i.r.p. 2s. 4½d.; forty Pulvules No. 222, 3-gr., 10s., 84s. doz., tax 14s. doz., i.r.p. 11s. 2d.; 500 Pulvules No. 222, 3-gr., 100s., 70s. each, tax 11s. 8d. each, i.r.p. 111s. 8d.

Moore Medicinal Products, Ltd. Neda fruit cubes renamed Moneeda fruit cubes.

COMPANY NEWS

Pectoral Proprietaries, Ltd. (P.C.).—Capital £500. Manufacturers of and dealers in cough mixtures, drugs, etc. Stephen Garratt, director. R.O.: The Borough, Hinckley, Leics.

Louirube, Ltd. (P.C.).—Capital £1,000. To acquire from Louis Whitaker the trade mark Louirube, in respect of cosmetics and the business of cosmetic manufacturers carried on at Birkenhead and elsewhere as Louis Whitaker. R.O.: B.22 The Temple, Dale Street, Liverpool.

Wilson (Roehampton), Ltd, (P.C.).—Capital £2,000. To acquire the business carried on by Wilson & Co., as manufacturers of and dealers in artificial limbs, scientific and surgical appliances. Barrington Wilson, Harcourt A. Le Petit and Mrs. Dorothy Wilson, directors. R.O.: Roehampton House, Roehampton, London, S.W.15.

Lactic Casein Importers Association, Ltd. Limited by guarantee, without share capital. To co-operate with the Ministry of Supply or other authority in the allocation and distribution in the United Kingdom of lactic casein and other agreed products, to promote and protect the interests of importers of such products within the United Kingdom, etc. First members of the management committee: William H. Cummings (a direceor of Nathan's Sales, Ltd.), chairman; Htnry C. Dutton (a director of Casein (Industries), Ltd.; Sidney H. Seabrooke (a director of Sampson & White, Ltd.); and Sidney G. Tomkins (a director of Guesdon & Co., Ltd.). R.O.: 19 Fitzjames Avenue, East Croydon, Surrey.

British Alkaloids, Ltd.—Directors' report for the year ended March 31, 1942, shows a profit, after charging £44,500 estimated excess profits tax, of £58,526. Payment is recommended of final dividends on the 8 per cent. participating preference shares of 8·6 per cent., less tax, making a total of 16·6 per cent. for the year, and on the ordinary shares of 13 per cent., less tax, making 25 per cent. for the year. £4,000 has been transferred to general reserve, and £15,000 to taxation reserve. A surplus of £5,313 is carried forward, subject to directors' additional remuneration. An account of the thirteenth annual meeting of the company, held on June 18, is given on another page.

THE CASE FOR THE PHARMACIST

Joint Memorandum by the Pharmaceutical Society of Great Britain and the National Pharmaceutical Union

THE following are the main points of a memorandum submitted to the Committee on Social Insurance and Allied Services jointly by the Pharmaceutical Society of Great Britain and the National Pharmaceutical Union.

1. The social services which involve the provision of medical treatment fall into four groups: (*a*) national; (*b*) local; (*c*) private; (*d*) voluntary.

2. The direction of development is towards a comprehensive public health service, concerned with both the preventive and the curative aspects of medicine. Such a service should be available to all without regard to means. To secure maximum efficiency and economy, the service should be planned and administered by a central authority consulting with and acting through appropriate local and professional bodies. The problem is therefore the unification of the present heterogeneous services into a national service.

Professional Bodies

3. The professional bodies representing practitioners in every branch of the health services are concerned in this development. In addition to the medical profession there are several professions which contribute to the prevention and treatment of disease, e.g. pharmacy, dentistry and nursing. It is for the bodies representing the professions concerned through their curricula and examinations to provide the personnel needed and to secure that the training is appropriate in scope and content for the duties their members will have to perform. They have all contributions to make to medical science and are entitled to participate in the planning of the future of a public health service because a comprehensive service requires a balanced consideration of the place of every constituent unit. Development of a national health service therefore requires close *liaison* between the administering authorities and the representative bodies of the professions.

"Regionalisation" Scheme

4. The amalgamation of existing health services into the machinery of the County Councils and County Borough Councils seems a natural development. But the populations and areas served by these authorities vary greatly and the taking over of the two great services represented by the voluntary hospitals and the Insurance Committees involve more than local problems. It seems therefore that a process of "regionalisation" may provide the most practical road towards unification of existing services. The Ministry of Health has already a regional organisation. Such a regional organisation could work towards the development of the services in its area along the lines proposed in the Interim Report of Lord Dawson's Committee on the Health Services (1920). It should be able to bring about the co-ordination of the activities of the voluntary and municipal hospitals, as has been effected at Bristol and Manchester, for example, and the work of the Insurance Committees in its area would come within its province. It would require an administrative staff and a representative directing committee or council. The representation of professional practitioners in its membership would be essential. It would co-ordinate the activities of the health services in its locality and would be responsible to the Ministry of Health.

Professional Control

5. The services for which the regional organisation is responsible should so far as possible be controlled by persons with a professional knowledge of the particular service. There should be at the Ministry of Health and in each region one or more advisers for each of the services. They should have an effective voice in the professional aspects of the service so that all concerned from the Ministry to local practitioners would know that those aspects were being handled by experts in their own field. Such men would secure the most efficient working of the service and would facilitate co-ordination of regional and local services. They should be qualified members of the professions concerned.

6. Similarly in the case of health services for which the local authorities, within a region, are responsible, where there is a professional service involving the employment of specialists on their own work, that service should be directed, under the authority, by members of the profession concerned. In addition they would act as advisers to the local authority and serve

s links in their particular services between he local authority, the regional authority nd the Ministry.

he Pharmaceutical Aspect

7. In the subsequent parts of this emorandum attention will be given to the urely pharmaceutical aspect of the health ervices and the proposals made are capable f being, and should be, applied under the xisting conditions of health service organsation and their application should not e postponed until such time as any scheme f unification or general reorganisation ay be undertaken. Pharmacy is concerned ith the origin, properties, production, tandardisation, uses and supply of natural nd synthetic substances and preparations sed for the prevention and treatment of isease. The practice of pharmacy involves knowledge of the pure sciences, chemistry, hysics, biology and physiology, of the pplied sciences, pharmacognosy, pharmaeutical chemistry and pharmaceutics, and f forensic pharmacy. Pharmacists have y law the exclusive right to the use of ertain titles such as "pharmacist," "chenist and druggist," and to the dispensing nd supply of medicinal substances consting of or containing poisons under onditions of sale to the public. The serices of pharmacists are discussed below ccording to the circumstances under which ey are required to be used.

ospital Treatment

8. At the present time there is no ssurance in the conditions under which ublic authorities are responsible for ospital services that pharmacists will be mployed to undertake the necessary harmaceutical work. A similar state of ffairs exists with regard to voluntary ospitals and called forth the following mment from the Voluntary Hospital ommission which is quoted here since it pplies equally to public hospitals:—

> "Of great importance is the pharmaceutical service. Those in responsible charge of the pharmaceutical department of any hospital should hold a statutory qualification and be registered in accordance with the Pharmacy Acts. At present it is legally permissible for persons not so qualified to be practically in charge of hospital pharmaceutical departments. This not infrequently occurs in smaller hospitals by the appointment of one holding the Apothecaries' Hall Certificate for assistants in dispensing. Where a hospital is so small as not to require full-time service, then a qualified pharmacist should be engaged for certain hours." (p. 49.)

Many hospital authorities recognise that to obtain the requisite standard of service they must employ pharmacists, but there are still a number of hospitals where pharmacists are not employed. It should be an integral part of any public health service involving hospital treatment that the supply of medicines in and from a hospital should be undertaken by a pharmaceutical department staffed by one or more pharmacists. In the case of small institutions which may not be large enough to employ a pharmacist either full-time or part-time, arrangements should be made for the necessary medicines to be supplied by a local pharmacist in private practice. Such arrangements have been made on a national scale in connexion with military convalescent homes. It is a matter for consideration whether it would not be an advantage if in suitable circumstances hospital out-patients requiring medicines for use in their homes were given prescriptions to be dispensed by local pharmacists in private practice.

Special Services

9. Under this heading are included all health services which are limited and more specialised, for example, the tuberculosis, infant welfare, school medical and A.R.P. services. All these are under the control of County, County Borough and Borough authorities, and together with the hospitals under their control may involve each authority in responsibility for large quantities of medical supplies. It would be the duty of a member of the pharmaceutical staff employed by the local authority in accordance with the proposal made in paragraph 6 to act as a pharmaceutical supplies officer and be responsible for the purchase, storage and distribution of such supplies required by the authority. Indeed the advantage to be gained by such an arrangement has already led to the appointment of pharmacists for this purpose by some local authorities, and their example might well be generally followed without waiting for the institution of such appointments in connexion with the wider scheme of reorganisation outlined above. Broadly, their requirements fall into two categories: (i) Those involving a full pharmaceutical service similar to that required for hospitals; (ii) those involving a limited pharmaceutical service.

In the first case the principles already enunciated under the heading of "Hospital Treatment" apply. In the second case the position would be met by the central control

of supplies and the periodical inspection of stocks by a pharmacist who would act in this respect for all the clinics under a particular local authority. Where the service involves supplying medicines for use at home, the principle of utilising existing private pharmaceutical facilities in the locality should apply and arrangements be made for the medicines to be obtained from local pharmacists upon the presentation of an order from the clinic.

Domiciliary Treatment

10. There are certain general principles which apply to the provision of medicines and medical and surgical appliances, and are applicable to a greater or lesser extent to all domiciliary schemes. They are the following:—

(1) In the case of the National Health Insurance Scheme statutory provision is made for medicines required under the scheme to be supplied by pharmacists only; in the case of other schemes there is no such provision and arrangements may be made whereby medicines are supplied by the medical practitioner attending the patient. It is submitted that the medical practitioner should not be the person who supplies the medicine for the following among other reasons:—

(i) The medical practitioner is trained in pharmacy to a progressively smaller extent as the scope of the medical curriculum widens. Pharmaceutical functions should be performed by pharmacists who are qualified and registered by the State for the purpose, leaving the medical practitioner free to perform his medical duties.

(ii) A medical practitioner supplying his own medicines will not have available the wide range of medicaments which the pharmacist, serving the patients of many practitioners, of necessity would have in stock.

(iii) If the responsibility for supplying the medicine is placed upon the medical practitioner the medicine can be prepared only when he is at his surgery and this will limit the opportunity for his patients to obtain medicine.

(iv) There is at present no inspection of the dispensaries of medical practitioners as there is, under the Pharmacy Act, of pharmacies.

(v) Tests of the drugs and of the accuracy of the dispensed medicines under the Sale of Food and Drugs Act are not applicable to medicines supplied by medical practitioners to their patients.

(vi) A public medical service should be designed to free the medical practitioner from pharmaceutical work.

Fixed Prices for Medicines

(2) There should be an official tariff of prices of medicines supplied under a public service which will guarantee for all medicines, except those purchased privately, a fair price to the authority and to the supplier.

(3) In any developments of national or local schemes regard should be had to the interests of those who at present supply the great bulk of the medicines purchased by the public. The progressive development of public schemes involves consideration of the channels through which the medicines required shall be supplied. Whatever the ultimate solution, regard must be had to the fact that there are 15,000 pharmacies in Great Britain with the facilities for supplying an excellent pharmaceutical service and already utilised for that purpose by the State for some eighteen million insured people.

Restriction on New Pharmacies

(4) An uncontrolled expansion of pharmacies offering a public service is not desirable. At present any person entitled to carry on business as an "authorised seller of poisons" under the Pharmacy Acts may open a pharmacy. It is considered desirable that a change should be made in this state of affairs to the extent that new pharmacies should only be opened when there is an established need in the public interest for additional facilities.

(5) No lower standard of staffing and service generally than that at present provided under the Insurance Acts should be contemplated. The following quotations (i) from the Report of the Royal Commission on National Health Insurance and (ii) from the Report of the Committee on Scottish Health Services emphasise this: (i) "We have given careful consideration to this question and have come to the conclusion that it is not desirable in the interests of insured persons to lower the standard of qualifications required for persons who may be allowed to dispense medicines provided under the insurance scheme." (ii) "The existing arrangements under the national health insurance scheme should be applied to the proposed extension of general practitioner services to dependants of insured persons and others. For other services, local authorities should be free to make their own arrangements. It would be an advantage, however, if the present insurance machinery for the supply and pricing of drugs were used as widely as possible by local authorities in other fields."

As has been indicated above, the arrangements for the supply of medicines under other schemes than that of the National Health Insurance, such as those for persons in receipt of public assistance, disabled ex-servicemen, and members of the police force, do not necessarily provide for the work being undertaken by pharmacists; it is considered desirable that with the establishment of a comprehensive health service all these special schemes should be absorbed into the service and that in the meantime the conditions of such schemes should be assimilated in all cases to those of the N.H.I. scheme.

The scheme of remuneration for pharmaceutical services under N.H.I. and similar schemes has never been satisfactory. For example, the terms of payment have been based

pon the assumption that a business which ontracts to supply N.H.I. medicines is already stablished on a profitable basis. In other words, he supply of N.H.I. medicines is regarded as dditional to private business transactions which re already sufficient to maintain the business existence. So far the considerations which ave determined the basis of remuneration of harmacists under these schemes have been hose relating to the functions of obtaining, reparing and dispensing medicines. To these onsiderations should be added that of the harmacist's advisory function to which reference is made below so that the remuneration eceived would be based upon all the functions he pharmacist performs. Further, the remuneration should be commensurate with the knowdge, skill and responsibility involved in the xercise of these functions. What is needed is a view of the whole position and the adoption f a basis of payment which corrects the anomaes in the present arrangements.

he Pharmacist as Adviser

11. Hitherto the advisory aspect of pharaceutical work has not been specifically proided for in arrangements for the supply of edicines. Modern conditions are, however, ncreasing the importance of the pharmacist s an adviser to the medical practitioner upon edicines, and the relationship between doctor nd pharmacist should be so arranged as to acilitate consultation between them on this atter. Reference has already been made to he decreasing part which instruction in pharacy plays in the medical curriculum and the edical practitioner frequently needs information as to the properties of medicinal substances, nd guidance both in the selection of substances nd preparations to be prescribed and in the orm in which they should be prescribed. Withut such information and guidance prescribing ay take on a stereotyped character or reflect he influence of propaganda designed to promote he use of proprietary products. The rôle which he pharmacist is called upon to perform in this onnexion is a developing aspect of his work, nd increasing emphasis is being placed in the harmaceutical curriculum upon the study of hysiology and pharmacology as a consequence f this development. Consultation between edical practitioner and pharmacist is necessary n many cases and it is desirable that any develpments in the public health service should be o organised as to facilitate such consultation.

onclusion

12. In conclusion it is desired to emphasise hat pharmacy is a distinct calling—comparable n status with medicine and dentistry—which nly pharmacists are competent to practise. his point has in the past been insufficiently ealised by public authorities and in consequence ull advantage has not been taken of the services hich pharmacists, and they alone, can render. harmacy has too often been regarded as work f a subsidiary nature which the medical practitioner can undertake as a matter of course or which can be relegated to persons with limited and ill-defined training. There are historical reasons for this attitude, which is peculiar to Great Britain and is not easy to eradicate, but so long as it persists the health services will be handicapped in dealing with the problems which face them. It is probable that pharmacists have a theoretical and practical knowledge of a wider range of materials than any other class of persons and this gives them a practical sense and special facility in dealing with materials which is too often lacking in those who are responsible for the control of services involving medical and allied supplies. The benefit which the health services would derive from the appointment of pharmacists both to administrative posts in the central, regional and local authorities and from their employment as practitioners would, if their knowledge and experience were fully utilised, transcend the limits of purely pharmaceutical requirements, and advantage should be taken of this in planning developments in the health services.

MILITARY HOSPITALS' FORMULARY

As a result of the restrictions imposed by war conditions on the importation and exportation of certain drugs, the usefulness of the Pharmacopœia for Military Hospitals, 1940, has been considerably affected. This publication is now replaced by the "Formulary for Use in Military Hospitals, 1942," issued recently by the War Office (H.M. Stationery Office, price 2d.). In the preparation of this new Formulary the National War Formulary has been used as the basis, and prescriptions have been selected almost entirely from the latter for the new publication. An appeal is made to medical and dental officers to exercise the strictest economy in the prescribing of drugs, and it is suggested that the administration of drugs should not be continued longer than absolutely necessary. They are also asked to forego individual preferences for drugs, to restrict rigidly the use of placebos and to adhere to the use of standard preparations. Particular economy is urged in respect of such drugs as aspirin, alcohol, cinchona, digitalis, glycerin, liver extract, mercury compounds, paraffins, phenols, salicylic acid, etc. The main portion of the Formulary is devoted to formulas of emulsions, linctuses, mixtures, mouth washes and prescriptions for children, but there are dermatological, ear, nose and throat, and ophthalmic sections. A list of proprietary preparations and the corresponding non-proprietary equivalents or alternatives is included in the Formulary, together with information on the treatment of cases of poisoning.

LEGAL REPORTS

Appeals Dismissed.—The City of London Quarter Sessions has dismissed appeals by Woodlands Chemists, Ltd., and Mr. John Keall, M.P.S., against convictions and fines on charges of having supplied cosmetics in excess of quota (see *C. & D.*, March 21, p. 327). The fine of Mr. Keall was reduced from £10,000 to £5,000.

Heavy Fines for Quota Excess.—At Barnsley, on June 20, fines totalling £983 were imposed on Sidney Pigott, trading as the Queen's Warehouse Co., Burlington Arcade, Barnsley, for breaches of the Limitation of Supplies Order, 1941. The Board of Trade prosecuted. The goods concerned were perfumery and toilet requisites, and Pigott, over a period of less than six months, had sold stock valued at £2,269 when his quota was only £25. "He no doubt thought," it was stated, "that he had found a system of getting round the limitations." It was the system known as invoicing-through. Pigott never handled the goods or even saw them, but on two transactions alone, for £900 and £800, he received in commission £383.

Fruit Juice Charges Fail.—A charge against Aubrey Lewis, trading as Herbert's Drug Store, Tachbrook Street, Westminster, on June 19, of selling, under the description of grape juice, a preparation not of the nature, substance and quality demanded, was dismissed under the Probation of Offenders Act at Bow Street Police Court. Alternative summonses against Lewis for selling grape juice containing 300 parts per million of sulphur dioxide, contrary to the Public Health (Preservatives) Regulations, and against Vita Concentrated Juices (1939), Ltd., Concordia Works, Carmichael Road, S.E., by Lewis, who alleged that if any offence had been committed it was due to their default, were also dismissed. It was said that a bottle of the preparation, labelled "Juvana grape juice, lime flavour," was sold to a sampling officer. The substance contained 50 per cent. of grape juice and 50 per cent. sugar, with a little preservative matter. In the view of the public analyst this did not justify the description of "grape juice," which should contain about 90 per cent. grape juice. The summonses were alternative. Grape juice was not allowed to contain sulphur dioxide; but if the preparation was a syrup or cordial then preservative was permitted, and there would be no offence against the preservatives regulations.

PARLIAMENTARY NEWS

Employment Agencies.—Sir Leonard Lyle asked the Minister of Labour, on June 18, whether, in view of the restrictive policy imposed on employment agencies under the Essential Work Orders, it was proposed to continue the operation of these Orders after the cessation of hostilities. The reply was that these Orders would cease to have effect at the end of the war unless Parliament determined otherwise.

Retail Traders.—Mr. Craven-Ellis asked the President of the Board of Trade, on June 16, whether he would give consideration to issuing licences to proprietors of small businesses who had closed down in consequence of the war so that they might have priority in re-establishing themselves after the war.—Mr. Dalton: Yes, Sir. I shall be glad to consider the suggestion in the light of the views of the Retail Trade Committee.

Small Traders' Supplies.—Mr. Lipson asked the President of the Board of Trade, on June 17, whether he had considered the statement prepared by the Cheltenham Chamber of Commerce and sent to him on the question of a more equitable allocation of supplies to the small retailer. Captain Waterhouse replied that he had read the statement but the Minister could not undertake to guarantee a definite share of available supplies to each retail trader. It was felt that the arrangements by which wholesalers were asked to share out their supplies reasonably fairly was meeting the position.

TRADE MARKS

(*From "The Trade Marks Journal," June 3*)

"LAPOLEX"; for paints, etc., and for preservatives against rust and deterioration in wood (2). By I.C.I. (Dyestuffs), Ltd., Wexham Road, Slough, Bucks. 618,225 (Associated).

"CLASTA" and "MELDOR"; for toilet articles (3). By Coty (England), Ltd., 3 Stratford Place, London, W.1. 618,509–11.

"CORRIDA"; for toilet preparations (not medicated). By Pinaud Ltd., 128 Atkins Road, London, S.W.12. 618,608 (Associated).

"RYCO"; for preparations and substances for use in dentistry (5). By H. Courtin & Sons, Ltd., 109 Jermyn Street, Haymarket, London, S.W.1. 616,941.

"INNOXA"; for pharmaceutical substances and preparations (5). By Innoxa (England), Ltd., 233 Balls Pond Road, London, N.1. 618,033 (Associated).

"PLASTIBBEL"; for medicated plasters (5). By Isobel Buchanan, 66 Bickenhall Mansions, Baker Street, London, W.1. 618,074.

BIRTHS

GREEN.—At Rosedene Maternity Hospital, Inverness, on June 10, Clara (*née* Leighton), wife of Mr. Charles A. M. Green, M.P.S., Tain, of a son.

MARRIAGES

GAULD—CLARK.—At St. Fothad's Church, Cardenden, Fife, on June 2, Alexander Gauld, M.P.S., 83 Mid Street, Fraserburgh, to Isabella Scott Beveridge Clark, Mus.Bac., L.R.A.M., Cardenden.

SCOTT—FOX.—At St. Ninian's Church, Aberdeen, on June 11, Macleod Scott, B.Sc., 16 Cairncry Terrace, to Dorothy Fox, M.P.S., 155 Midstocket Road, Aberdeen.

TODD—JONES.—At St. Paul's Church, Gloucester, on June 15, Reginald Todd, 19 Manor Way, North Harrow (representative staff, Sangers, Ltd.), to Helen May Jones.

WHITTET—BOWES.—At Wesley Church, West Hartlepool, on June, 20, T. Douglas Whittet, Ph.C., 1 Elm Grove, West Hartlepool, to Doreen M. Bowes.

DEATHS

CAIRNS.—In the Far East, recently, while on active service, Lieutenant Arthur Cairns, formerly of Ashbank, Ryedale, Maxwelltown, Dumfries. Lieut. Cairns qualified as a chemist and druggist in 1933.

DAVIES.—On June 9, Mr. Thomas Edgar Owen Davies, Redstock Avenue, Kenton, Middlesex, aged sixty-four. Mr. Davies qualified as a chemist and druggist in 1896.

GORE.—In Dublin, recently, Mrs. R. J. Gore, widow of the late Mr. R. J. Gore, R.D., 17 Moore Street, Dublin. A correspondent writes: "With the death of Mrs. Gore passes one of the oldest names in the retail drug trade in Dublin. She was the widow of Mr. Richard J. Gore, R.D., who, opening a business in 1896, died in 1909. Mr. Gore was a son of the late Mr. Richard L. Gore, chemist and druggist, who had a flourishing business in Camden Street, Dublin, half a century ago, and a nephew of the late Mr. William Gore, chemist and druggist, of Thomas Street."

HILTON.—On June 7, Mr. David Hilton, M.P.S., 1 Buckingham Terrace, St. Day, Redruth, Cornwall, aged seventy-five.

LAWRENCE.—On June 4, Mr. Hector Lawrence, M.P.S., 10 Camberwell Green, London, S.E.5, aged fifty-two.

PERSONALITIES

MR. F. A. WILLIAMSON, M.P.S., and MRS. WILLIAMSON, Moor Park Pharmacy, Preston, celebrated the golden anniversary of their wedding on June 16.

MR. E. W. TWISS, M.P.S., 717 Knutsford Road, Warrington, in a letter published in the "Manchester Guardian," June 12, urged the reservation of all quinine supplies for the treatment of malaria.

MR. J. R. ROPER is shortly retiring from Burkett, Sharp & Humble, produce merchants, 110 Cannon Street, London, E.C.4. He has been with the firm for twenty-eight years, and before that was for thirty-four years with the late firm of Samuel Lambart & Co.

W. BRO. W. H. GOY, M.P.S., 17 Battersea Rise, London, S.W.11, received the rank of Past Assistant Grand Director of Ceremonies at a convocation of the Supreme Grand Chapter recently. In April the rank of Past Grand Standard Bearer was conferred on him by H.R.H. the Duke of Kent.

MR. ALBERT FORSTER, second son of Mr. William Forster, Ph.C., and the late Mrs. W. Forster, Ph.C., passed the final examination recently for the degree of M.B., B.S., at King's College, Durham University. Mr. Forster is in his twenty-first year. During his College career he was awarded the College medal for pharmacy and pharmacology. He also won first prize for an essay on asthma, and second prize for an essay on longevity.

RECENT WILLS

MR. CHARLES LICKFOLD SMOUT, M.P.S., 104A Mill Road, Cambridge, who died on February 19, left £1,484, with net personalty £1,388.

MR. JAMES LAIDLAW, M.P.S., 42 Brentwood Avenue, West Jesmond, Newcastle-on-Tyne, who died intestate on December 21, 1941, left £4,162, with net personalty £2,710.

SIR JEREMIAH COLMAN, Bart., Gatton Park, Surrey, chairman of J. & J. Colman, Ltd., mustard manufacturers, who died on January 16, left £1,832,069, with net personalty £1,671,062.

MR. WILFRID NORMAN ROBERTS, Hollin House, Far Headingley, Leeds, a director of Turner & Newall, Ltd., who died on December 6, 1941, left £114,832 gross, with net personalty £110,373.

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Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire

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The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.

The Pharmacists' Charter

THE joint memorandum (p. 696) drawn up by the Pharmaceutical Society of Great Britain and the National Pharmaceutical Union and submitted to the Committee on Social Insurance and Allied Services (usually referred to as the "Beveridge Committee") makes out a strong and thoroughly sound case for the recognition of pharmacists as a professional body the use of whose qualified and specialised services to the fullest extent is essential to the success of any scheme of organised health service. The claim is made and substantiated that in the matter of health services pharmacists have a well-defined place in the scheme of things, the importance of which, in the public interest, is no less than that of the other professional bodies concerned.

Because of its importance we publish at length all the main points of this "Pharmacists' Charter," and we enjoin our readers, particularly those engaged in retail practice, to study it and give it their active support. The "Beveridge Committee" was set up by the Government in 1941 and its terms of reference were:—

"To undertake, with special reference to the interrelations of the schemes, a survey of the existing schemes of social insurance and allied services, including Workmen's Compensation, and to make recommendations."

Commenting on health services on "regionalisation" lines, the memorandum recommends that regional authorities should include representatives of the professions concerned and that the direction of the various services should be controlled by persons with professional knowledge of the respective services. There is, it is contended, no reason why these proposals should not be applied under existing conditions of health service organisation.

Hospital Irregularities

On the subject of pharmaceutical service in hospitals, the joint document, after describing the prevalence of irregular handling of medicines in some institutions, lays down the dictum that the supply of medicines in and from a hospital should be undertaken by a pharmaceutical department staffed by pharmacists. In instances where hospitals are too small to employ full-time pharmacists, supplies of medicines should be obtained from pharmacists in private practice. Supplies of medicines for specialised services, such as school clinics, welfare centres, etc., should, where practicable, be centralised and put under the control of a pharmacist appointed by the local authority.

The view is expressed that the supply of all medicines and medical goods required in connexion with domiciliary treatment under public health services should at least be maintained on the standard of the N.H.I. scheme and be obtained through pharmacists. On the question of inadequate remuneration for pharmaceutical services under N.H.I. the memorandum points out that the basis of remuneration is wrong and calls for adjustment.

Pharmacy for the Pharmacist

In criticising the growing practice of doctors undertaking their own dispensing the memorandum gives detailed reasons why this system and encroachment is not in the public interest. The case put forward on this subject is incontestable. The value

of pharmacists in health services of any description is shown to go beyond purely pharmaceutical requirements, particularly in regard to the advisory service which they render to medical practitioners.

In all respects the joint memorandum of the Society and the Union is a complete and concrete exposition of the exceptional services pharmacists can render to the welfare of the nation provided their knowledge and qualifications are made full and proper use of and they are given a status that is on a parity with other professional bodies concerned. The memorandum will be endorsed by every pharmacist in the country.

Medical Planning Draft Interim Report

We publish in this issue (p. 708) brief extracts taken from the draft interim report of the Medical Planning Commission. It is made clear that this report, composed of forty-five pages, has been issued as the basis for discussion by the members of the British Medical Association and kindred societies, and the Commission will welcome criticism from their members prior to its revision and adoption. The Commission, sponsored by the British Medical Association, and composed of seventy-three members, was set up in August 1940, and was requested :—

> To study war-time developments and their effects on the country's medical services both present and future.

The preliminary review now published does not necessarily reflect the expressions of the Commission's ultimate conclusions. A number of pages are taken up with criticisms of present medical services and there is a considerable amount of matter in the form of discussions on the lines of possible developments. The proposals, which are given in outline, cover administration, group medicine and health centres, a scheme for a model health centre, brief proposals for specialist and consultant services, which are linked up with suggestions for the reorganisation of hospital services, and, finally, a list of the major points of principle, on which, the Commission state, decisions should be reached.

No Reference to Pharmacists

A feature of the report is the complete absence of reference to pharmacists as a body directly concerned or to the place they must take in any scheme for the provision of "group medical service" or "group medicine and health centres." There is one casual reference to dispensers. On page 26 under "Services available at a model health centre" it is stated "Dispensing might continue on the present National Health Insurance lines or be arranged at the centre, but in any case dispensing services for drugs, etc., required by the practitioner for immediate application would be conducted at the centre." Later, on the same page, under "Accommodation" provision is made for consulting rooms, *x*-ray department, a theatre for minor surgery, etc., but there is no recommendation for the provision of a dispensary.

While at this primary stage there is nothing in the draft report that calls for immediate action by pharmacists, it is, however, the first step that may eventually lead to the Commission making concrete proposals that would bring about revolutionary conditions in the country's health services. The possibility of such developments as "group services" of the character indicated are of the utmost importance to pharmacists as they would be bound to drastically affect their future status and welfare.

Doubtless the Council of the Pharmaceutical Society will have the subject on their Agenda at an early date, and in this connexion we would recommend Branch secretaries to obtain copies of the report and place them in the hands of their committees for consideration.

Whither Price Control?

It is unusual for notice to be taken in our editorial columns of Government Orders affecting the sale of goods which are outside the scope of the drug trade. Such an Order, relating to domestic pottery, calls for some comment, as it appears to introduce an entirely new principle in price control under the Goods and Services (Price Control) Act, 1941. A study of this

Order shows that price control is achieved by limiting the amount of the margin that may be added by the distributor to the cost price of the goods. Briefly, the maximum price to be charged by a wholesaler for articles of domestic pottery is calculated by adding to the manufacturer's price an amount equal to a specified percentage of that price. Retailers in turn are permitted to add to the price paid to the manufacturer or wholesaler a fixed percentage of that price, subject to maximum retail prices in the schedule to the Order.

Under the present system sellers of goods covered by the Prices of Goods Act must calculate the selling price of an article by reference to the basic price of the same item on August 21, 1939, to which is added an amount representing the "permitted increase," i.e., the sum total of approved overhead charges. The advantages of the new system over the rather cumbersome and often unworkable method outlined in the Prices of Goods Act are obvious so far as some specific articles of commerce are concerned, and there is reason to believe that it may be extended in due course to other categories of goods coming within the scope of the Act.

Drug Trade Difficulties

So far as pharmaceutical and allied products are concerned, however, it is difficult to see how the application of a method of price control based on limiting the amount of the margin to be added to the cost price of the goods could possibly be successful, apart perhaps from a very minor section of druggist's goods. A considerable proportion of the diverse stock carried by the pharmacist is now subject to price regulation, but it has been clear for some time that a much simpler and more precise method of calculating prices than that outlined in the Prices of Goods Act is required. While the new system introduced in the Domestic Pottery (Maximum Prices) Order may, if eventually applied to other goods, prove helpful, much remains to be done in the working out of a simple formula which can be applied over the wide and varied range of products of the drug trade.

New Black Market Penalties

Persons who are fined for black market offences or for offences under the Defence (Finance) Regulations will find in future that they will be forced to disgorge their ill-gotten gains. To achieve this purpose the Government has recently made the Defence (Recovery of Fines) Regulations, 1942, which changes the existing law in two important respects. The Regulations provide first that failure to pay a large fine, i.e. exceeding £500, within seven days after a default notice has been served, shall be an act of bankruptcy or a ground for winding-up a company. Secondly, the maximum period of imprisonment for failure to pay a large fine imposed by a court of summary jurisdiction will be increased from three months to twelve months. A defaulter in respect of fines imposed by other courts can be detained in prison under the existing law until he pays the fine, and the date of release is decided by the Treasury.

The Regulations further provide that the Bankruptcy Court may declare void any transaction which appears to have been made for the purpose of preventing or impeding the recovery of a large fine, unless it is satisfied that it would be inequitable to do so. It should be noted that these new powers are in addition to the existing powers to order imprisonment in addition to a fine. The practical effect of these regulations, of course, is that if the Crown decides that a person who has been sentenced to a large fine for a black market offence or an offence under the Defence (Finance) Regulations has sufficient assets to pay such a fine, the machinery of the Bankruptcy Court can be utilised to recover the fine and the convicted person cannot escape this liability by undergoing a comparatively short term of imprisonment. On the other hand, if such a person has insufficient assets to pay the fine the term of imprisonment to which he may be sentenced in default of payment is substantially increased.

Closed on Saturdays.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of The Chemist and Druggist, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the *C. & D.*, 17 Argyle Street, Bath, Somerset.

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

THE monthly meeting of the Council of the Pharmaceutical Society of Northern Ireland was held at 73 University Street, Belfast, on June 19, Mr. H. F. Moore (vice-president) in the chair. Others present were Messrs. W. C. Tate, J. W. Gray, J. McGregor, J. E. Connor, James Irwin, James McDowell, C. Abernethy, J. F. Grimes, J. T. Nicholl, and Dr. S. E. A. Acheson. The secretary (Mr. D. L. Kirkpatrick) was in attendance.

The chairman, who had recently visited the president, conveyed a message of thanks from him to the members. He was making good progress towards recovery.

Co-opted Member

MR. MOORE introduced Mr. James Irwin, Medical Hall, Main Street, Dunmurry, to members as the newly co-opted member representing the Associate Druggists, in place of the late Mr. Samuel Gibson, and welcomed him to the Council on behalf of himself and his colleagues; he also conveyed a message of welcome from the president. MR. IRWIN, replying, thanked members for their hearty welcome and said he would like to express special thanks to those who had proposed him for membership; he hoped he would prove as useful a member as his predecessor had been.

Proprietary Articles Sales

The secretary reported that he had been in communication with the Board of Trade about the sale of proprietary articles in shops other than those licensed for their sale, and had been told that the Board could do nothing in regard to controlled articles.

Poisons List Recommendation

The secretary also read a letter from the Ministry of Home Affairs in which it was stated that the Ministry had received a report from their pharmacy inspector relating to the sale of M. & B. 693 tablets (sulphapyridine), a sulphonamide derivative, by traders in Northern Ireland other than pharmaceutical chemists, chemists and druggists, and registered druggists. These tablets were being sold in fairly large quantities without any precautions being observed. No warning was given regarding diet or the danger of using them without medical supervision. The inspector had warned traders coming under his notice to be very careful, and to make sure, if given for human use, that the tablets were being taken under special medical supervision. Both the Imperial authorities and those in Eire had taken steps to have the sulphonamide drugs listed as poisons and their sale brought under control. The question of having them added to the Poisons Schedule in Northern Ireland was one which, in the opinion of the Ministry, required careful consideration, and the Ministry desired to place the matter before the Council in accordance with the Poisons (1) Act, 1870, as amended by the Pharmacy and Poisons Act (N.I.), 1925. DR. S. E. A. ACHESON proposed, and MR. W. C. TATE seconded, that a memorial should be sent to Queen's University to have the sale of these tablets put on Part I of the Poisons Act; the proposition was passed.

It was decided to continue the supply of THE CHEMIST AND DRUGGIST to members as formerly. This was proposed by MR. MCDOWELL and seconded by MR. TATE.

New Members

The following were nominated as members of the Society: Victor Rankin, Cloughhogle, Bready, Strabane, co. Tyrone, and James Gerard McCluskey, 30 Church Place, Lurgan, co. Armagh.

U.S.A. DRUG SUPPLIES

THE United States Government has requested Dr. William Bonisteel, of Fordham University, New York, to survey the possibilities of increasing drug production in the Caribbean Islands. The survey is expected initially to cover Haiti, the Dominican Republic and Porto Rico, and will take into consideration belladonna, henbane, ipecacuanha, aconite and menthol. The Americas are to be considered as potentially more important sources of quinine and insecticides. Discussions are understood to be in progress of plans to increase quinine production. United States agricultural authorities state that the current trend towards increasing home-grown drug supplies may bring long-range benefits in diversifying production. Though not large in the aggregate, the volume involved in some drugs would make a profitable source of revenue for growers, and would contribute to further expansion of inter-American trade.

EMPIRE NEWS

Australian Restrictions on Drug Sales.—The Australian Central Medical Co-ordination Committee has made an order prohibiting the sale, except on medical prescription, or in accordance with a few specified exceptions, of any of a number of drugs given in a Schedule to the order. Among those listed are antimony and potassium tartrate; antimony and sodium tartrate; atropine and salts; chiniofonum compounds; emetine and salts; ergot, its preparations and alkaloids; filix mas and extracts; hyoscine and salts; liver extracts for parenteral administration; local anæsthetics; metrazol compounds; nikethamide compounds; oleum iodisatum preparations; organic arsenic compounds; paraldehyde; physostigmine and salts; procaine hydrochloride and all proprietary brands of *p*-aminobenzoldiethylaminoethanol and all related drugs used by percutaneous injection for local or spinal anæsthesia; quinidine and salts; sulphonal; sulphonamides and preparations allied to or derived from sulphonamides; synthetic antimalarials.

Canadian Stimulus to Cascara Production.—The British Columbia Government is trying to increase production of cascara bark. Planting of trees is being encouraged, and experiments are being carried out at the Government's extensive forest nursery at Green Timbers, near New Westminster, B.C. In recent years Japanese and Indians have been peeling much of the bark and selling it to manufacturers. Because of army medical needs, cascara is in greater demand now than ever before. The Japanese have been eliminated from the industry as a result of the wholesale evacuation of all people of Japanese origin from the coastal area, but white men and Indians are carrying on.

SCOTTISH PHARMACEUTICAL FEDERATION

A MEETING of the Executive Council of the Scottish Pharmaceutical Federation was held in Edinburgh on June 10, Mr. John Weir (president) in the chair. The secretary's curtailed report was submitted and approved. Among other matters it dealt with indemnity claims against members, one of which was settled for £25 10s.; complaints for overcharging against five members under the Prices of Goods Act, 1939 (none of the members being fined); charge against a member under the Lighting (Restrictions) Order, 1940 (a fine of £2 was imposed); correspondence with the Board of Trade on points arising as a result of (*a*) the Saccharin (Control and Maximum Prices) Order, 1941, and (*b*) the Sugar Confectionery (Maximum Prices) Order, 1941; claims by members against suppliers and claims by suppliers against members; member's claim against a doctor for £18 (which was recovered); member's claim in respect of damage caused to his electric sign by a bus (£5 being recovered); objections lodged with Local Price Regulation Committees against licences to carry on business as chemists and druggists being granted under the Location of Retail Businesses Order; correspondence with the Board of Trade on proprietary toilet powder being supplied to Royal Ordnance factories, the Board ultimately stating that they understood from the Ministry of Supply that no additional supplies of toilet preparations will be made to Royal Ordnance factories; assistant leaving member's services without giving the necessary notice. The Executive Council had under consideration among other matters the following: The Federation's accounts for the year ended April 30, 1942, which showed a satisfactory surplus for the year and which were unanimously approved, subject to audit; points arising under the Pharmacy and Medicines Act; N.H.I. dispensing fees; Chemists' Friends scheme for Scotland; Drug Trade Council; Pharmaceutical Parliamentary Fund Committee; the Scottish Chamber of Trade; the Federation's Air Raid Assistance Mutual Pool, it being reported with satisfaction that fortunately no claims had been made so far upon the funds of the Pool; the Advisory Committee set up by the Board of Trade to advise the Board on the production and the supply of toilet preparations in the light of war-time conditions not having a retail representative thereon; the appointment of office-bearers and committees for 1942–43, Mr. John Weir and Mr. C. A. Buick being unanimously re-appointed president and vice-president respectively.

MEDICAL PLANNING COMMISSION

ABSTRACTS FROM DRAFT INTERIM REPORT

THE Medical Planning Commission was established by the British Medical Association with the co-operation of the Royal Colleges and the Royal Scottish Corporations in August, 1940, with the following terms of reference:

> To study war-time developments and their effects on the country's medical services both present and future.

The bodies appointing to the Commission, which consists of seventy-three members, are the British Medical Association, the Royal College of Physicians of London, the Royal College of Surgeons of England, the Royal College of Obstetricians and Gynaecologists, the Royal College of Physicians of Edinburgh, the Royal College of Surgeons of Edinburgh, the Royal Faculty of Physicians and Surgeons of Glasgow, the Society of Medical Officers of Health, the Faculty of Radiologists, the Medical Women's Federation and the Parliamentary Medical Committee. Observers were appointed by the Ministry of Health, the Department of Health for Scotland, and the Ministry of Home Affairs for Northern Ireland.

The suggestions contained in the present report should not be regarded as expressing the Commission's conclusions, but as recommendations made to it which the Commission as a whole has not yet considered, and will not consider until the profession has made known its views through the usual channels.

Objects of Reform.—The Commission has adopted for the purpose of its discussion the following broad definition of the objects of medical service in this country: (*a*) to provide a system of medical service directed towards the achievement of positive health, of the prevention of disease, and the relief of sickness; (*b*) to render available to every individual all necessary medical services, both general and specialist, and both domiciliary and institutional.

PROPOSALS

Central Administration.—A central authority should be established to be concerned solely with all the civilian medical and auxiliary services of the country. This authority may be a government department in the usual sense or it may be a corporate body formed under government auspices and responsible through a Minister to Parliament. It should have a medical practitioner as its chief officer. It should deal with civilian medical and ancillary health services, including general practitioner, hospital and public health services, industrial health services and the medical treatment of pensioners. These proposals for the establishment of a central authority extend to Scotland as a separate national unit.

If the departmental method is adopted there should be established either a Central Medical Advisory Committee to advise the Minister, or a Central Medical Services Board with both advisory and executive functions. If the former proposal is adopted the Central Medical Advisory Committee should have a statutory basis and should meet regularly to advise the Minister on medical matters within the scope of his functions, but not including those matters which properly fall to be dealt with by negotiation between the Minister and the organised body of the profession, such as the terms and conditions of service. The Chief Officer of the Minister should attend the meetings of this Central Medical Advisory Committee and take part in its discussions. The alternative is a Central Medical Services Board which is predominantly medical in its composition.

If the method of the corporate body is followed, the controlling body should be executive in character, responsible only on matters of major policy to a Minister, and predominantly medical in composition. The central health authority would be responsible for the formulation and administration of national health policy and the terms and conditions of service, which would be national in their operation. It should control and administer the funds provided by the Government for medical services. The money available for medical services should be maintained as a separate fund to be devoted wholly to these services.

Local Administration.—The local administrative body would be concerned with administration within the framework of the policy laid down at the centre. It is important to emphasise that the formulation of policy should be the responsibility of the central authority. The local authority should be purely administrative.

The system under which local authorities administer in detail a broad national policy

decided by the central government is deeply embedded in the social fabric of this country. There is, however, general agreement that many of the existing local units are too small or too poor, or both, to administer such services efficiently. The efficiency of hospital, medical and allied services, including the environmental and personal health services, as well as their co-ordination with other local government services, could be secured by the creation for all local government purposes of elected authorities for new areas with populations much larger than those of most of the existing major local authorities. The extent of such new areas should depend partly upon lines of communication to and from convenient centres, and partly upon areas having populations large enough to justify self-contained services which are both comprehensive and well balanced. The population of such areas should as a rule be not less than 500,000.

Regional Authorities

But size, of itself, is not enough. Such new local authorities, hereafter called Regional Authorities, should be required by statute to delegate the administration of hospital and other medical, health and allied health services to a Committee or Committees, containing non-elected members with knowledge and experience of such matters, including an adequate representation of the medical profession. In relation to each Regional Authority there should be established by statute an Advisory Medical Committee which should meet regularly and advise the authority on medical matters.

An alternative is the compulsory establishment by legislation of Regional Councils, representative of the local authority or authorities in the region and including nominees of the central authority, representatives of voluntary hospitals and an adequate representation of the medical profession. These Councils would assume the responsibility for the local administration of health services. They would have executive powers and a certain measure of financial control, and they would have direct access to the central authority. On any subsidiary committees established there would be an appropriate representation of the medical profession or voluntary hospitals or both.

Some of the difficulties that beset the general practitioner today arise from the rapid advance of medical science and the increasing complexity of medical practice. Others are due to the isolation of the general practitioner from consultant and specialist services, from hospital services, from public health services, from administration, and from his own colleagues; to the failure of public authorities adequately to recognise the value of the general practitioner; and to the continuance of traditional individualism into an age where division of labour and co-operation are essential factors in social service.

Co-operation at Centres

Greater efficiency and economy would be secured and less expense incurred if groups of practitioners would co-operate to conduct a single centre at which all of them would see their own patients and share equipment and the services of secretarial, domestic and dispensing staff. Group or co-operative general practice is desirable, though some variation of the organisation would be necessary in sparsely populated areas. In the following paragraphs a scheme for group practice is outlined which, it is believed, would be workable in many areas.

Before setting out the model scheme reference may be made to a number of proposals already put forward for "health centres." In these schemes there is much divergence of opinion on the nature, scope and functions of a health centre. In the Interim Report of the Consultative Council on Medical and Allied Services, 1920, a scheme of primary and secondary health centres was outlined, the primary health centre being "an institution equipped for services of curative and preventive medicine to be conducted by the general practitioners of the district, in conjunction with an efficient nursing service and with the aid of visiting consultants and specialists."

A Comprehensive Scheme

The health centre scheme of supporters of a whole-time salaried medical service involves the conception of a health unit in which the health centres would be linked with the hospitals, assume the duties of certain special clinics, co-operate in matters of public health, and ensure for all a complete domiciliary consultant and institutional service. Another scheme of group medicine envisages a group of general practitioners working together at a local centre rented or owned by them. The accommodation at the centre would include consulting and waiting rooms, a pathological room, a theatre for minor surgery, and possibly a small *x*-ray department. A third

proposal advises the continuance of the partnership system in a health centre plan, the centre being regarded simply as a communal partnership surgery. The receipts would be pooled and the net income shared as in a partnership.

In the preparation of the following model scheme the essential factor has been borne in mind that, while the health centre must on the one hand preserve the professional independence of the co-operating general practitioners, it must on the other hand be capable of becoming an organised unit in an integrated medical service.

Model Health Centre

Provision of Centre.—The health centre being an official part of a regional authority's comprehensive medical service, the building and equipment would be provided or approved by that authority. It is recommended that a State scheme of medical service should be provided for all persons with incomes within the current National Health Insurance limits and for their dependants, in effect for about 90 per cent. of the population. The general medical care of these persons would be undertaken by general practitioners of their choice, either at the centre or in their own homes.

Service Available.—General practitioners would attend at the centre at hours convenient for their patients and would pay domiciliary visits from the centre. They would undertake ante-natal, natal and post-natal work; they would take part in infant and child welfare and the school medical service; they would arrange consultations with specialists, some of whom might attend at the centre; and they would be associated with the local hospitals. The work of the centre would be preventive and educational, as well as curative. Midwifery, nursing and auxiliary services would be available at or through the centre, midwives, health visitors and district nurses working from the centre. The centre should have ready access to an *x*-ray and a pathological department at the centre or elsewhere, these departments being under proper specialist supervision. Dispensing might continue on the present National Health Insurance lines or be arranged at the centre, but in any case a dispensary service for drugs, etc., required by the practitioner for immediate application would be conducted at the centre.

Medical Staff.—The medical staff would consist of a number of principals and assistants. Each principal would have his own list of persons who select him. The principals would attend at the centre at arranged hours just as they now hold surgeries at their private residences, they would attend patients in their homes, consult with specialists, take part in hospital work, and hold sessions for "public health" duties, such as the treatment of school children. At each centre there would be a number of assistants, normally junior practitioners gaining experience. The assistants would be appointed to the centre and not to an individual principal. Their work would be decided by the Committee of principals, but in general they would help and deputise for the principals. It is estimated that in a centre staffed by twelve doctors at least one would be an assistant.

Specialist Practice

The specialist and consultant services to be made available to all persons within the prescribed income limits should be administered on a regional basis as an integral part of the complete regional scheme of hospital and personal health services. Consultations would ordinarily be given at the hospital, in the patient's home or at a health centre as required. The service would be based on the hospitals, which would be given the specific duty of providing a non-hospital as well as a hospital service of consultants and specialists. The services of a consultant would normally be obtained through the agency of the family doctor.

Consultant Status.—One of the difficulties for both consultants and general practitioners in the present medical services is that there are no generally accepted standards which confer consultant status upon a practitioner. The qualifications and standards of consultant and specialist status should be considered and determined by a recognised central body of academic character. One suggestion is that this body should be, for England and Wales, a committee set up by the three Royal Colleges, and for Scotland a committee set up by the three Royal Scottish Corporations and the Royal College of Obstetricians and Gynaecologists. There should be provision for liaison between the two bodies.

COMING EVENTS

Saturday, June 27

INSTITUTION OF FACTORY MANAGERS, North British Station Hotel, Edinburgh, at 7 p.m. Dinner.

TRADE REPORT

Spot prices for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, June 24

REPORTS to hand this week indicate that business in the London drug and chemical markets has been more or less confined to filling small routine orders from the home consuming trades. Inquiries, especially for crude drugs, have been few and far between, but merchants are nevertheless finding plenty of work to do. Trade in PHARMACEUTICAL CHEMICALS has continued along restricted lines, with no important price changes to record, except an advance in the minor iodides.

Crude Drugs

Little of interest has occurred in this section during the week. Prices are mostly firm at the levels recorded last week, the only notable decline being in CLOVES. Small lots of unrestricted AGAR have been selling at the high prices ruling of late. Cape ALOES has been in good inquiry, and prices appear to be tending dearer. No changes have occurred in the position of BENZOIN. Remaining supplies of BUCHU are firmly held on spot. CAMPHOR is still selling in smallish quantities to approved buyers. No information has been forthcoming regarding Lease-Lend supplies of CASCARA SAGRADA, but it is expected that distribution of this and other similar items will take place shortly. Little interest is being taken in ERGOT, the spot price of which is a shade easier; a shipment price for new-crop is suggested. Maximum price for GINGER has not yet been fixed by the Ministry of Food, and quotations remain on a nominal basis. Prices of IPECACUANHA are maintained. MENTHOL is increasingly difficult to find. Activity in SARSAPARILLA has been confined to a few odd inquiries. No changes are recorded among the SEEDS; business is slow and supplies are restricted. TRAGACANTH is definitely firmer, with a rather better business passing; all the medium grades show advances. WAXES are without quotable change on the week.

Essential Oils

Extremely quiet conditions have ruled in this market during the past week, with most prices unchanged. ANISE (STAR) has again been in good demand but supplies continue restricted. CITRONELLA is firm, and the spot price of Ceylon has touched higher levels. No change has been notified in the price of English-distilled CLOVE. LEMONGRASS is quiet at rather lower figures for fair quantities. Supplies of oil made from West Indian NUTMEGS are expected to be available shortly. There is no improvement in the position of PEPPERMINT, spot supplies of which are now extremely difficult to find. British makers are offering an artificial ROSE OIL at a fraction of the value of the genuine article. WORMSEED remains nominal.

Exchange Rates on London

Bank of England fixed rates are unchanged, as follows: New York, 4·03 dollars; Montreal, 4·45 dollars; Netherlands West Indies, 7·60 florins; Zurich, 17·35 francs; Lisbon, 100 escudos; Stockholm, 16·90 kroner; Buenos Aires, 17·02 paper pesos. The Chinese national dollar is at $3\frac{1}{16}$d. and the Madrid official and voluntary rates remain at 40·50 and 46·55 pesetas.

Pharmaceutical Chemicals

ACETANILIDE.—Supplies are restricted, but business remains quiet with values unchanged: B.P.C. crystals and powder, 2s. 4d. to 2s. 6d. per lb., according to quantity.

ALLOBARBITONE.—Obtainable from British makers at around 60s. per lb.

AMPHETAMINE.—British makers' present price is in the region of 150s. per lb.

ASPIRIN.—Demand is fair; makers' prices are steady:—

Quantity	In containers of				
	1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
	s. d.	s. d.	s. d.	s. d.	s. d.
From 1 lb. . .	4 1½	—	—	—	—
From 4 lb. . .	4 0½	3 10¾	—	—	—
From 7 lb. . .	3 11¼	3 9¾	3 9¼	—	—
From 14 lb.	3 10½	3 8¾	3 8¼	3 8	—
From 28 lb.	3 9½	3 7¾	3 7¼	3 7	3 6½
1 cwt. . .	3 2½	3 0¾	3 0¼	3 0*	2 11½
5 cwt. . .	3 2	3 0¼	2 11¾	2 11½*	2 11
10 cwt. . .	3 1	2 11¼	2 10¾	2 10½*	2 10

* 8 × 14 lb. and upwards in one delivery, ½d. per lb. less. Sale subject to buyer's undertaking not to re-sell any quantity at prices or terms below scale for such quantity current at time re-sale is made, and, if powder is converted into tablets, not to sell any number at prices or terms below scale current at time of sale.

BENZOIC ACID.—British makers are able to supply for medical purposes at about 2s. 6d. to 3s. per lb., as to quantity.

BENZYL BENZOATE.—Available from British makers for therapeutic purposes at around 4s. 6d. to 5s. per lb.

BISMUTH SALTS.—As noted last week, the price of SUBGALLATE has been advanced by 5d. per lb., but other salts are unchanged (p. 685).

BORAX and BORIC ACID.—Makers' prices are as follows:—

	Commercial	B.P. quality
	per ton	per ton
BORAX:		
Granulated ..	£31 10s.	£39 10s.
Crystal	£32 10s.	£40 10s.
Powder	£33 0s.	£41 0s.
BORIC ACID:		
Granulated ..	£52 15s.	£60 15s.
Crystal	£53 15s.	£61 15s.
Powder	£51 15s.	£62 15s.

Packed in one-cwt. bags, delivered carriage paid Great Britain, in one-ton lots and upwards.

BROMIDES.—Full details of makers' current schedules were given last week (p. 685).

COCAINE.—British makers' current wholesale prices are as follows: HYDROCHLORIDE and NITRATE, 25 oz. and over, 35s. 8d.; 16 oz. and less than 25 oz., 36s. 10d.; over 8 oz. and less than 16 oz., 38s. per oz. ALKALOID, CITRATE, and SALICYLATE, 25 oz. and over, 39s. 1d.; 16 oz. and less than 25 oz., 40s. 4d.; over 8 oz. and less than 16 oz., 41s. 7d. per oz., 16-oz. packages free, smaller packing extra. The scale of prices applicable to distributors of smaller quantities is as follows: HYDROCHLORIDE and NITRATE, 8 oz., 40s.; 4 oz. and less than 7 oz., 40s. 7d.; 2 oz. and less than 4 oz., 41s. 6d.; 1 oz. and less than 2 oz., 42s. 7d.; ½ oz. and less than 1 oz., 44s. 2d.; ¼ oz. and less than ½ oz., 47s. 3d. per oz. ALKALOID, CITRATE and SALICYLATE, 8 oz., 43s. 5d.; 4 oz. and less than 8 oz., 44s.; 2 oz. and less than 4 oz., 44s. 11d.; 1 oz. and less than 2 oz., 46s. 2d.; ½ oz. and less than 1 oz., 47s. 9d.; ¼ oz. and less than ½ oz., 50s. 10d. per oz., packages extra. Re-sale: Sales are subject to buyer's undertaking not to re-sell any quantity below scale current at time of re-sale. Export prices vary according to destination.

CODEINE.—Makers' price per oz. for ALKALOID in 4-oz. lots is 38s. 3d., and for PHOSPHATE, 31s. 3d.

GALLIC ACID.—As noted last week, spot price has been advanced to about 7s. to 7s. 3d. per lb., according to quantity.

GLYCERIN.—The following are the prices for small supplies: 1-cwt. drum, 86s. per cwt.; 56-lb. tin, 94s.; 28-lb. tin, 97s.; 14-lb. tin, 100s. per cwt. All prices are subject to discount of 2½ per cent. for cash in twenty-eight days.

GUAIACOLS.—Current value of any available supplies of CARBONATE and CRYSTALS would be about 13s. per lb.

HEXAMINE.—About 2s. 3d. per lb. would be the value of cwt. lots of free-running crystals.

IODINE PREPARATIONS.—Makers' prices are steady as follows: POTASSIUM, B.P., 112 lb., 9s.; 28 lb., 9s. 6d.; 14 lb., 10s.; 7 lb., 11s. 6d.; 4 lb., 12s.; smaller quantities, 12s. 6d. SODIUM, B.P., 28 lb., 9s. 11d.; 14 lb., 10s. 5d.; 7 lb., 12s. 2d.; 4 lb., 12s. 10d.; smaller quantities, 13s. 8d. IODOFORM, B.P. (powder), 28 lb., 12s. 6d.; 14 lb., 13s.; 7 lb., 15s. 2d.; 4 lb., 16s.; smaller quantities, 16s. 10d.; (cryst.) 28 lb., 14s. 6d.; 14 lb., 15s.; 7 lb., 17s. 2d.; 4 lb., 18s.; smaller quantities, 18s. 10d. IODINE RESUBLIMED, B.P., 112 lb., 10s. 4d.; 28 lb., 10s. 10d.; 14 lb., 11s. 4d.; 7 lb., 13s. 1d.; 4 lb., 13s. 9d.; smaller quantities, 14s. 6d. All prices net. Any quantity delivered carriage paid in Great Britain.

METHYL SALICYLATE.—In restricted supply at the following prices: Five cwt., 1s. 10d. per lb.; one cwt., 1s. 10½d.; smaller lots, in bottles, 2s. 0½d. per lb.

PHENACETIN.—If available in small quantities price would be in the neighbourhood of 11s. per lb.

PHENAZONE.—About 19s. per lb. would represent an average price for any available small supplies.

SALICYLIC ACID.—Makers' prices for B.P., in quantities of from 28 lb. to 1 cwt., are as follows (containers in brackets): 2s. 1½d. (28-lb.); 2s. 2d. (14-lb.); 2s. 2¼d. (7-lb.); 2s. 2¾d. (4-lb.); 2s. 4½d. (1-lb.).

SANTONIN.—Prices for the home trade are unchanged: 15 kilos and over, £46 10s.; not less than 10 kilos, £47 5s.; not less than 5 kilos, £48 5s.; less than 5 kilos, £50 per kilo, delivered free in the United Kingdom; 1-kilo packages free.

SODIUM SALICYLATE.—Makers' quotations are as follows:—

Quantity	In containers of				
	1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
	s. d.	s. d.	s. d.	s. d.	s. d.
Under 4 lb.	3 1½	—	—	—	—
From 4 lb. ..	3 0½	2 10¾	—	—	—
From 7 lb. ..	2 11½	2 9¾	2 9¼	—	—
From 14 lb.	2 10½	2 8¾	2 8¼	2 8	—
From 28 lb.	2 9½	2 7¾	2 7¼	2 7	2 6½
From 1 cwt.	2 4½	2 2¾	2 2¼	2 2*	2 1½
From 5 cwt.	2 4	2 2¼	2 1¾	2 1½*	2 1
1 ton ..	2 3½	2 1¾	2 1¼	2 1*	2 0½

* 8 × 14 lb. and upwards, in one delivery, ½d. per lb. less. Prices include parcels or collapsible cartons; other packages charged extra. Prices subject to buyer's undertaking not to re-sell any quantities at prices or terms below scale current at time of re-sale.

SULPHONAL.—Any remaining small supplies would fetch about 47s. 6d. per lb.

TANNIC ACID.—Firm, but unchanged at approximately 7s. 6d. per lb.

VANILLIN.—No alterations have been reported. Makers' prices for material manufactured from clove oil or guaiacol are as follows: Five cwt., 22s. 6d. per lb.; one cwt., 22s. 9d.; 56 lb., 23s.; less than 56 lb., 23s. 3d., carriage paid in U.K. Tins in cases returnable.

Crude Drugs

ACONITE ROOT.—Supplies appear to be exhausted, and no quotations are available.

AGAR.—Ordinary routine business is passing in unrestricted Kobe No. 1 at about 62s. 6d. to 65s. per lb. Medicinal grade would be worth about 45s. and bacteriological between 25s. and 30s. per lb.

ALOES.—Cape has again been in good inquiry, with about 65s. per cwt. generally being asked; it might be possible, however, to obtain smallish lots on spot at around 62s. 6d. Forward price for Curaçao remains at about 45os. per cwt., c.i.f., but no business appears to have been done.

ANTIMONY.—Adequate supplies appear to be forthcoming for official purposes, but no metal is available for ordinary needs. Prices are unchanged, as follows: English minimum, 99 per cent. regulus, £120 per ton, delivered; 70 per cent. crude, £100 per ton, delivered.

ARECA NUT.—Spot supplies are exhausted, and no quotations are available.

BALSAMS.—*Tolu*, in restricted supply, would be worth around 9s. 6d. per lb. Spot values of the other varieties are as follows: *Copaiba*, B.P., 9s. per lb., nominal; *Peru*, 7s. 9d.; *Canada*, about 7s. 6d., duty paid, ex store.

BELLADONNA.—Supplies are restricted, but replenishments are expected. Leaves, spot, about 4s. to 5s. per lb.

BISMUTH METAL.—Current quotations for high-grade metal are steady at 6s. 3d. per lb. for minimum 5-cwt. lots.

BUCHU.—Firmly held on spot for about 5s. 9d. to 6s. per lb., according to quality.

CAMPHOR.—A small routine business is being carried on with no change in prices. Approved buyers can obtain Chinese, B.P., at 11s. 6d. per lb., Chinese crude (92 per cent.) at 10s. per lb., and a few Japanese slabs at around 11s. 6d. per lb. Restricted quantities of English synthetic, B.P., are understood to be available to approved consumers at 7s.

CANTHARIDES.—Supplies are not available and there are no quotations.

CARDAMOMS.—Extremely quiet, with no price changes. Aleppy greens, spot, about 5s. 6d. to 5s. 9d. per lb.; shipment, 4s. 4½d., c.i.f. Aleppy seed, spot, about 5s. 9d.; shipment, 5s. 3d., c.i.f. Split seed, spot, about 4s. 9d. per lb.

CASCARA SAGRADA.—Inquiry is good, but available supplies are extremely small. No news has been received regarding Lease-Lend supplies which are expected to be released shortly.

CASCARILLA.—Supply remains short, with only siftings offered on spot at between 2s. 6d. and 2s. 9d. per lb.

CINCHONA BARK.—A fair amount of inquiry has again been in evidence. South American, untested, spot, is to be had at about 1s. 8d. per lb.; good-testing East Indian, around 2s. 1d. per lb.

CLOVES.—Conditions are quiet, and a further decline in values is noted. Zanzibar, on spot, 1s. 7d. per lb., sellers; afloat, nominal. Madagascar, unquoted.

COLCHICUM.—Spot price of Indian corms would be in the region of 2s. 9d. to 3s. per lb. Seeds are not available.

DANDELION ROOT.—Supplies appear to be adequate for present requirements, but replenishments are unlikely to be permitted. Spot, about 140s. per cwt.

DERRIS ROOT.—No change in the position.

DIGITALIS LEAVES.—Spot supplies are not plentiful, but some Portuguese may be had at around 120s. to 125s. per cwt.

DRAGON'S BLOOD.—Fair re-boiled, nominal on spot at £40 per cwt.

ERGOT.—There is again little business in this item, but a few isolated inquiries are being received. Spot price is a shade easier at about 6s. 9d. per lb., and there is a suggestion of 6s. per lb., c.i.f., as the price of new-crop for July shipment.

GINGER.—No information has yet been received regarding the fixing of maximum prices by the Ministry of Food. In the meantime quotations are nominal as follows: West African, spot, about 190s., if available, and Cochin unwashed, about 187s. 6d., if available. Jamaica No. 3, spot, 230s.

GUM ACACIA.—Unrestricted Kordofan cleaned sorts, on spot, remains at about 230s. per cwt., but restricted is easier at approximately 185s.; shipment, unchanged at 72s. 6d. per cwt., c.i.f.

HONEY.—For particulars of revised price schedules for first-hand and wholesale transactions, see *C. & D.*, May 9, p. 527.

HYDRASTIS.—Lease-Lend material, which will shortly be available for distribution, will cost users 22s. 6d. per lb., ex store, with extra for repacking.

IPECACUANHA.—Business remains rather good, and prices are maintained. Matto Grosso, spot, about 18s. per lb.; shipment, about 16s. 6d. per lb., c.i.f., but some offers are at higher figures. Minas, spot, about 12s. 3d. per lb.; not quite B.P., around 11s. 9d.; shipment, nominal at 11s. 3d. per lb., c.i.f.; new-crop prices are awaited. Current prices for EXT. IPECAC. LIQ., in winchester quarts, are as follows: B.P., 1932, under three, 26s. per lb.; three and under six, 25s. 6d.; six and under twelve, 25s.; twelve and over, 24s. 6d. per lb. B.P., 1914, under three, 24s. per lb.; three and under six, 23s. 6d.; six and under twelve, 23s.; twelve and over, 22s. 6d. per lb., all prices net.

JALAP.—Some Brazilian, spot, 19·3 per cent., available at about 105s. to 110s. per cwt., according to quantity.

LEPTANDRA ROOT.—Lease-Lend material will shortly be sold to users at 1s. 10d. per lb., ex store.

LOBELIA HERB.—Users of material imported under the Lease-Lend arrangement will be required to pay 2s. 8d. per lb., ex store.

MENTHOL.—Business is small, but prices show little change at about 71s. to 72s. 6d. per lb. for Chinese on spot. There are plenty of buyers seeking cheaper parcels, but such goods are extremely difficult to locate. Japanese, if available on spot, would be at about 73s. to 75s. per lb.

MERCURY.—Prices for quantities of over 7 lb. are subject to the Control of Mercury (No. 6) Order (*C. & D.*, May 10, p. 295). Quantities of 7 lb. and under were decontrolled by the Control of Mercury (No. 7) Order (*C. & D.*, October 18, p. 86). Official prices range between £48 and £48 15s. per bottle of 76 lb., ex warehouse London.

NUTMEGS.—Prices are without important change. West Indian sound unassorted, spot, 2s. per lb.; wormy and broken, 1s. 10d.; 90's, 2s. 6d.; 80's, 2s. 9d.; Eastern browns, 80's, nominal.

NUX VOMICA.—In fair demand, with Cochin, washed and garbled, quoted on spot at about 37s. 6d. to 40s. per cwt., according to quantity. Forward price is in the region of 36s. to 37s. per cwt., c.i.f.

ORANGE PEEL.—Spot supplies are meagre, but some bitter quarters may be had at about 3s. per lb.

PAPAIN.—Spot offers are in the region of 17s. per lb.

PEPPERS.—The maximum price of unpicked whole black Lampong, as fixed by the Ministry of Food, is 5d. per lb. in bond; white Muntok, in a similar condition, is 8d. per lb.

PIMENTO.—Little of interest has occurred in this item. Spot price remains at 2s. 3d. per lb., sellers, and shipment, June–July, nominal at 160s. per cwt., c.i.f.

PODOPHYLLUM.—The price to users of resin imported under the Lease-Lend arrangement will be 27s. 6d. per lb., ex store.

QUILLAIA BARK.—For any available small spot supplies, about 140s. per cwt. would be wanted.

RHUBARB.—In moderate demand, with all prices firm. Rough-round, spot, from 7s. 6d. to 7s. 9d. per lb.; slightly wormy, about 7s. 3d. per lb. Shensi, spot, from 9s. 6d. to 10s. per lb.

SARSAPARILLA.—Activity has been confined to a few odd inquiries. Spot price remains in the region of 2s. 9d. per lb. for native reddish.

SEEDS.—Little business is passing, and supplies are restricted; quotations are unchanged. ANISEED.—No supplies are available, but replenishments are expected. CANARY.—None available. CARAWAY.—No supplies are available. CORIANDER.—Indian, spot, none available at present; English, quoted at 220s. CUMIN.—Malta, 165s., duty free; Indian, 165s. DILL.—Spot, quoted at 170s. FENNEL.—Indian, business done on spot at 105s., duty free. FENUGREEK.—Nothing available. MUSTARD.—English, 135s. to 145s., as to quality.

SENEGA.—Any remaining small supplies on spot would bring in about 7s. 3d. to 7s. 6d. per lb., according to holder.

SHELLAC.—Another quiet week, with no price changes to report. Standard TN orange, spot, 200s. per cwt., value; shipment, unquoted. Pure button, unquoted on spot; fine orange, 240s. to 290s. quoted.

SLIPPERY ELM BARK.—Lease-Lend supplies are expected to be available shortly, when the price to users will be 1s. 6d. per lb., ex store.

SQUILL.—Supplies are ample and prices remain at recent levels. Spot, from about 75s. to 110s. per cwt., according to grade.

STRAMONIUM LEAVES.—Indian, on the spot, would be worth from 100s. to 105s. per cwt., according to quantity.

TRAGACANTH.—Markets are definitely firmer, with more business passing. Current values of the principal medium grades are as follows: No. 1, white, £132; No. 2, white, £120; No. 3, white, £100; No. 4, white, £95; pale leaf, £85; amber leaf, £68; red and brown leaf, £45; red leaf, from £40; woody and hoggy, from £18, ex store.

TURMERIC.—Quiet conditions, values unchanged. Madras finger, sound quality, spot, 72s. 6d. paid; wormy, 70s.

VALERIAN ROOT.—Indian root is offered on spot at around 110s. to 120s. per cwt., according to quantity.

WAXES.—Prices are without quotable change on the week. BEES'.—Nominal on spot at 295s. per cwt.; in bond, no quotations; Dar-es-Salaam, no quotations; Japanese, 340s. CARNAUBA.—Fatty grey, 520s., nominal; chalky grey, 515s.; Primeira, 600s. per cwt.

WILD CHERRY BARK.—The spot price under the Lease-Lend arrangement will be 9d. per lb. ex store, with extra for repacking.

WITCH HAZEL LEAVES.—Spot offers are in the region of 1s. to 1s. 3d. per lb.

WITCH HAZEL (LIQUID EXTRACT).—Users of supplies imported under the Lease-Lend arrangement will be asked 10s. 6d. per gallon, ex store.

Essential and Expressed Oils

ANISE (STAR).—Demand has again been good, and spot business is reported in drums at about 51s. to 52s. per lb.; tins in cases, 52s. to 53s. per lb.

BAY.—The spot price for any available small supplies would be in the region of 11s. to 12s. per lb.

BERGAMOT.—Business in any remaining supplies would be by negotiation, with about 100s. per lb. as a possible basis.

BOIS DE ROSE.—Spot values would be in the region of 35s. per lb.

CAJUPUT.—Firm on spot but without quotable change at around 15s. to 16s. per lb.

CAMPHOR (WHITE).—An odd drum or two may be available in second hands at around 500s. to 550s. per cwt., duty paid.

CANANGA.—Stocks are small, and spot oil would be worth about 70s. to 80s. per lb.

CASSIA.—Any available spot supplies would be valued at between 60s. and 70s. per lb.

CEDARWOOD.—Price remains nominal at 6s. 6d. per lb.

CINNAMON LEAF.—Spot price would be in the region of 14s. per lb.

CITRONELLA.—Demand is good, and prices are firm. Ceylon, spot, price has touched around 18s. per lb.; Java, spot, about 22s. to 24s. per lb.

CLOVE.—No change has been notified in English distillers' prices of from 15s. 6d. to 18s. per lb. Supplies are not plentiful.

EUCALYPTUS.—In rather restricted supply, with prices firm at about 5s. 9d. to 6s. per lb. for 70 to 75 per cent. grade.

FENNEL.—Sweet oil on spot would be worth about 30s. per lb.

GERANIUM.—Prices of any available supplies would usually be negotiated, with about 80s. per lb. as a suggested basis.

GINGERGRASS.—In small supply on spot at approximately 25s. per lb.

GROUNDNUT.—The official price of refined deodorised is without change at £44 10s. per ton, naked ex works.

LAVENDER.—Spot, good-quality oil, approximately 85s. per lb.

LEMON.—Medium-quality oils on spot would be worth about 45s. per lb.

LEMONGRASS.—It may be possible to buy fair quantities on spot at under about 18s. per lb., but small lots would be around 20s. to 21s. per lb.

LINSEED.—The official quotation for crude oil has recently been increased by £5 per ton to £46 10s. per ton, naked ex works.

NUTMEG.—Supplies of oil made from West Indian nutmegs now arriving may become available; it is expected that the price will be in the region of 50s. per lb.

ORANGE.—Limited supplies of Jaffa and West Indian on spot are at about 40s. per lb.

PALMAROSA.—Spot would be at about 37s. 6d. per lb., and shipment, around 30s. per lb., c.i.f.

PATCHOULI.—Spot, nominal at 70s. per lb.

PENNYROYAL.—Small supplies on spot are quoted at around 30s. to 35s. per lb.

PEPPERMINT.—Little business is being done, as spot supplies are extremely difficult to find. Any available odd cases of Chinese would fetch about 80s. per lb. on spot.

PETITGRAIN.—Spot, if available, would be worth about 25s. per lb.

ROSE (OTTO).—About 300s. per oz. would be the value of any small available spot supplies. A good artificial oil is available from British makers at 30s. per oz.

SANDALWOOD.—Genuine East Indian Mysore, about 32s. 6d. per lb. for delivery in one-case lots. Australian, about 28s. 6d. per lb.

WORMSEED.—Spot, nominal at 25s. per lb.

MISCELLANEOUS INQUIRIES

Artificial Orange Cordial.—*D. F.*—The following is a formula for artificial orange cordial:—

Sugar	2 lb.
Water	26 oz.

Dissolve by heat and add:

Orangeade essence	1 oz.
Citric acid	½ oz.
Orange-flower water	3 oz.
Caramel	1 dr.

Previously mixed and filtered.

Rennet Substitute.—*G.M.*—It is stated to be impossible to detect any difference between cheese made with pepsin and cheese made with rennet. 1 oz. of pepsin (1 : 3000) is equivalent to 12 oz. of standard rennet extract. The pepsin solution is made as follows:—

Sodium chloride	2 lb.
Boric acid	3 oz.
Water	1 gall.

Dissolve by boiling, then cool to 104° F. and add

Pepsin	13½ oz.

Hair-stimulating Lotion.—*H. W.*—The following formulas may be of assistance to you:—

For Greasy Hair

Ti-tree oil	2 c.c.
Isopropyl alcohol	43 c.c.
Water	50 c.c.
Glycerin	5 c.c.
Eau de Cologne	q.s.

For Dry Hair

Spirit	160 gm.
Castor oil	40 gm.
Salicylic acid	0·5–1·5 gm.
Colour	q.s.
Perfume	q.s.

Brucine in Surgical Spirit.—*D. W. M.*—The two formulas for surgical spirit you refer to which have been approved by the Customs and Excise, and in which brucine replaces the diethyl phthalate formerly used, are as follows:—

No. 1

Castor oil	½ fl. oz.
Methyl salicylate	48 ♏
Brucine or brucine sulphate	1·25 gr.
Industrial methylated spirit to	20 fl. oz.

No. 2

Castor oil	264 ♏
Mineral naphtha	24 ♏
Brucine or brucine sulphate	1·25 gr.
Industrial methylated spirit to	20 fl. oz.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Dose as Recommendation

SIR,—Answering Mr. W. H. S. Williams' question, the statement, for example, of the respective expectorant and emetic doses of ipecacuanha is merely part of a description of properties. The statement does not recommend that ipecacuanha should be taken at all, it only indicates what may be expected when ipecacuanha gets into the body.—Yours faithfully,

Bristol, 8. HAROLD E. MATTHEWS.

Insurance Dispensing Terms

SIR,—Re National Health Insurance payments, your correspondent Mr. J. Hodkinson (*C. & D.*, June 13, p. 664) hits the nail on the head and says what every pharmacist must be thinking. When we hear of the engineers, for example, demanding an extra 30s. per week it reminds us that chemists receive on an average about £80 per year for their valued panel service. N.H.I. dispensing must be the most highly refined form of sweated labour in existence, and only a pharmacist who decides to work without it can realise that it is the cause of 90 per cent. of the worry in business.

Yours faithfully,

SHILLING FEE.

Employee Organisation

SIR,—Messrs. Benjamin and Allen (*C. & D.*, June 20, p. 688) have the well-being of pharmacy at heart, but one may be forgiven for opining that they bound their goodwill with a fence between employer and employee. Fences shut in as well as shut out. It is regrettable that their letter, whilst endorsing the need for a united front, concludes with an intimation that any attempt to destroy, or set aside, the employees' organisation, in favour of some other body "sponsored by employers," will be regarded "with the gravest suspicion." The frankness is commendable. The comment may refer to the Bradford resolution. If so, your correspondent may be assured that Bradford has no deep-laid plot of any kind, and that the resolution is quite generally sponsored, without reference to employers and employees. It is sponsored by pharmacists and is the crystallisation of local opinion. For myself, I deny that the Association of Pharmaceutical Employees is a body properly representative of pharmacy employees. What is its membership? Why the secrecy? What is its progress rate outside one firm's employees? The ten objects, which are almost entirely mercenary, savour of "hungry dog eat hungry dog" as between pharmacists—and there are 7,000 pharmacists in the "employer" class. The objects do not appeal to those (and they are many, and include company men) who have no grouse against their employers, but who have a lively interest in the craft at large. The Bradford resolution considers that the time has come when class distinctions can well be abolished between people holding qualifications and rights in common, and especially so with the existence of a preponderance of points of agreement and aspiration in comparison with the points of dispute. I would agree that there should never have been occasion for more than one craft association, but even so, if some final unity movement should arise in these more democratic times, such movement should merit the closest consideration, without the mote of grave suspicion. Does the A.P.E. reject total unity? If so, on what facts?

Yours faithfully,

J. WILKINSON.

Roll-film Supplies

SIR,—The drastic cut in roll-film supplies has come as a shock and irritant to the public no less than dealers, and photographic chemists who have for years been the mainstay in fostering the business feel strongly that they have been submerged to the advantage of large-scale stockists. Surely it would have made for better distribution if even a minimum parcel of roll film, and less other sensitised material, had been sent to every customer, since most process work is now done by specialised D. and P. firms, and if manufacturers expect dealers to retain their interest now and in the post-war period it would be in their own interests to make a move on the lines suggested. Photography may or may not be called a luxury, but many in the forces both at home and abroad would be far more encouraged by receiving snaps of their families and friends than by some other entertainments which have not been so ruthlessly cut down.—Yours faithfully,

ROLL FILM (20/8).

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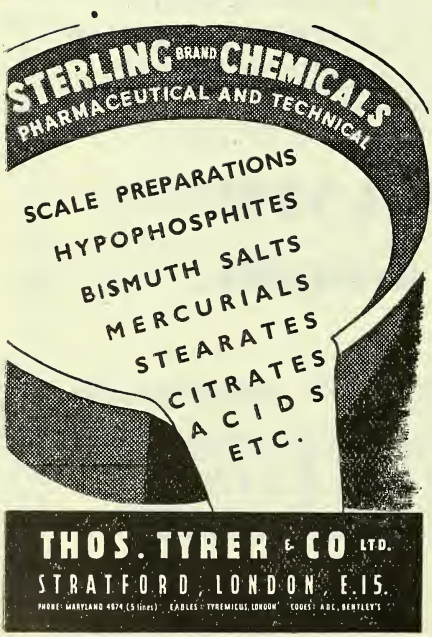

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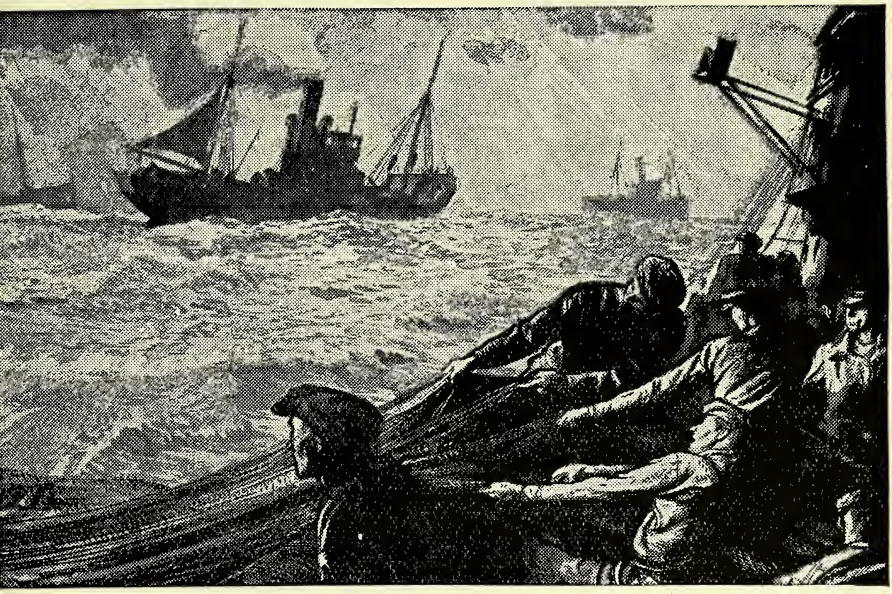

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PHARMACY & MEDICINES ACT 1941

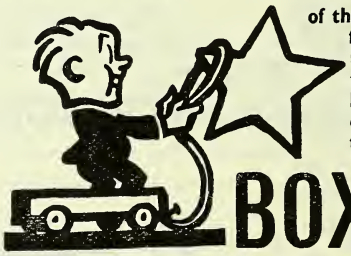
In order to comply with the terms of the above Act, the VIBRONA label has, since November 10, 1941, been amended by the addition of the following wording:—

"Contains 0·03% Alkaloids of Cinchona as Hydrobromides."

Any of our friends in the Trade holding a stock of VIBRONA not bearing this wording on the label are requested to notify us of the number of bottles for which revised labels are required, as no bottle of VIBRONA without the revised label may be offered for sale.

FLETCHER, FLETCHER & CO., LTD.
Vibrona Laboratories
LONDON, N.7

THE FIRM ATTACHMENT



of the public for more than half a century to

BOX'S PILLS

Keep your Public reminded that you sell Box's Pills. Give them a good show. Display stands free.

has made them a star to which the retail chemist is glad to hitch his wagon. They have always sold well, and in these difficult days when normal diet is disturbed and digestion upset they sell better than ever.

P.A.T.A. RETAIL PRICES: 1/3, 3/-, 4/10½
12/- and 21/9 (*including Purchase Tax*)
Postage extra.

W. H. BOX, 161 KING STREET, PLYMOUTH

'OMNOPON' BRAND

TOTAL OPIUM ALKALOIDS

WARNING against Substitution and False Statements

Complaints have been received from physicians and surgeons that opiates supplied to them as 'Omnopon' have not given the expected results. On investigation it has been found that the drugs supplied were not 'Omnopon,' but inferior substitutes. We must, therefore, issue a warning to all concerned.

1 'Omnopon' is a registered trade mark, the property of Roche Products, Ltd. Misuse of the trade mark is an actionable offence.

2 'Omnopon,' the original preparation of the total opium alkaloids in a water-soluble form, is manufactured in Great Britain by Roche Products, Ltd. The high standard of purity and reliability for which 'Omnopon' is justly renowned will be fully maintained.

3 Substitutes or copies may or may not resemble the original product in their action; in no case must they be described as, or substituted for, 'Omnopon.'

4 There has been no shortage of 'Omnopon' oral or hypodermic tablets, 'Omnopon' ampoules or 'Omnopon'-Scopolamine ampoules, and supplies are adequate to meet all normal demands. Complaints about substitution should be addressed in confidence to

ROCHE PRODUCTS LIMITED

WELWYN GARDEN CITY, HERTS

"OXOID"

The word "OXOID" is the trade mark of OXO Ltd., and is used in connection with their therapeutical preparations both in tablet and fluid extract form.

ORGANO-THERAPEUTICAL PRODUCTS

OXO LABORATORY PREPARATIONS

HORMONES

OESTRIN

Indications: Menopause; Menstrual Irregularities; Uterine Inertia; Amenorrhœa; Pruritis Vulvæ; Suppression of Lactation.

Tablets: 1000 I.U. Ampoules: 1000-50000 I.B.U.

STILBOESTROL

Indications: As for Oestrin.

A highly potent œstrogenous substance for oral administration.

Tablets: 0.5 mg., 1.0 mg. and 5.0 mg.
Ampoules: 1.0 mg. and 5.0 mg.

"PITOXYLIN" PITUITARY EXTRACT (P.L.)

Licensed and standardised in accordance with the Therapeutic Substances Act. For the Induction of Labour; Uterine Inertia; Post Partum Hæmorrhage; Surgical Shock; Diabetes Insipidus.

Ampoules. 5, 10 and 20 I.U.

ADRENALIN

Useful for the treatment of Asthma; Epistaxis; Tonsilitis; Hay Fever; Influenzal Crisis; Surgical Shock; etc.

Solution: 1 in 100 and 1 in 1000. Ampoules: 1 in 1000.

Literature supplied on application

OXO LIMITED, Thames House, London. E.C.4

OXO LABORATORY PREPARATIONS

PROPAX BRAND *takes the headache out of tired sales totals*

These are days when a sound steady selling line is worth its weight in gold. Propax is like that. Everybody wants it sometimes and most people want it *often*. But why Propax? Because of its swift certain double action (kills the pain *and* helps to clear out the poisons that cause it). That's a story that creates confidence and you get the benefit as well as the customer.

Following a large scale sampling scheme Propax are now advertised throughout the country in national magazines and provincial newspapers.

PROPAX TRADE TERMS

Wholesale 11/3 & 19/3 per doz. Retail 1/5 & 2/6 (*both sizes packed in 1 dozens*) (*Inc. Pur. Tax*)

Sole Distributors:

SPLENDOR LTD., 5, Beastmarket Hill, Nottingham, & 7c, Lower Belgrave St., S.W.1

PHARMACY AND MEDICINES ACT, 1941

IMPORTANT ANNOUNCEMENT

MESSRS. CALTHORPE & CO., the manufacturers of VIRONITA, the Famous Tonic and Restorative, give notice that all supplies now being sent out are labelled with their formula.

Traders having direct accounts have already been sent full details by post, and, if they have not already done so, should notify Messrs. M. Calthorpe & Co. at once of all stocks on hand, so that the requisite number of formula labels may be sent to them.

Traders who purchase their supplies from wholesale houses should immediately send details of their present stock to their suppliers.

After June 30th it becomes an offence to offer for sale any pharmaceutical product which does not comply with the Pharmacy and Medicines Act, 1941, and Messrs. M. Calthorpe & Co. give notice that they disclaim any responsibility for any stock sold after this date which does not carry their formula.

M. CALTHORPE & CO.
29 EAST PARADE
LEEDS 1

It's easy to sell these!

THE ELDON VAPORISER

For vaporising any fluid used in the relief of ailments by direct inhalation.

FORSTER'S FENOLIN FLUID

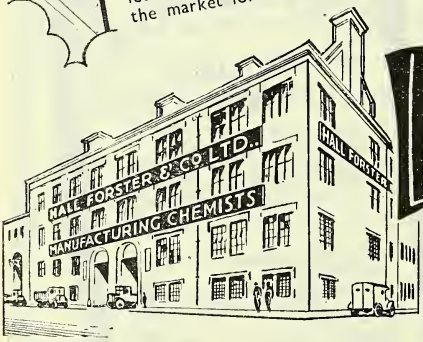
A Coal-tar preparation for use with the Eldon and Fenolin Vaporisers for relieving Asthma, Bronchitis, Whooping Cough, etc.

THE FENOLIN VAPORISER

Fitted with a non-upset basis petroleum lamp—the best vaporiser on the market for regular users.

A BIGGEST SELLER for 60 years!

"No case too bad!"



Licoricine

ACTS LIKE MAGIC

BRAND

Cures COUGHS · COLDS BRONCHITIS · INFLUENZA WHOOPING COUGH

"LICORICINE" has been a great public favourite for over 60 years. Every year the Sales soar higher and higher—get your share of these profits . . .

(RETAIL Including Tax)	PRICES	(WHOLESALE Excluding Tax)
1/- size		7/6 doz.
1/5 size		11/- doz.
2/3 size		16/9 doz.
3/4½ size		25/- doz.

£3 orders less 2½% and a further 2½% for window display
£6 orders less 5% and a further 2½% for window display

CARRIAGE PAID

HALL FORSTER & CO. LTD.

MANUFACTURING CHEMISTS
NEWCASTLE-UPON-TYNE
'PHONE "NEWCASTLE 25261-2-3." 'GRAMS "RUBBER NEWCASTLE"

Quick Profitable Sellers Now Nationally Advertised

KAMILLOSAN

A BRITISH *Homburg* PHARMACEUTICAL PREPARATION

Kamillosan, the original activated Camomile extract, has proved a first-class selling line. Ready and quick sales are certain for this remarkably gentle yet potent antiseptic and healer for internal or external use—so stock up with Kamillosan, Liquid and Ointment, right away; it's a sure winner.

Retail Prices 2/10 & 4/9 per bottle, 1/8 per tube (Inc. Tax)

TONERGETICUM

A BRITISH *Homburg* PHARMACEUTICAL PREPARATION

Tonergeticum, containing phosphorus, quinine, and the salts of manganese, copper and iron, soothes the nerves and strengthens the digestion. Children, old folk and invalids can take this tonic with confidence. Stock up now with this Tonic and Digestive "Plus"—and be ready to meet the growing demand for Tonergeticum.

Retail Prices 3/5 & 5/1 per bottle (Inc. Tax)

Attractively packed and displayed, and backed by powerful National Advertising, both these lines have proved profitable sellers throughout the country. Cash is on the demand for Kamillosan and Tonergeticum—now. Show material is available.

Sole manufacturers: Camden Chemical Co. Ltd., Northington House, Northington Street, London, W.C.1. Tel.: HOLborn 7524 and 1318

Make the Most of your 'ASPRO' Display!

Stickers & Showcards Still Available but

PLEASE MAKE the BEST USE of ANY YOU HAVE!

The latest paper control order has brought home to everyone how precious paper and board have become. We have always pointed out to chemists the importance to their own interests of using display material to the best advantage.

Now it has become a matter of vital concern to the nation. **Existing stocks of showcards, stickers, etc., must be made to last.** They cannot be replaced. Will you please help us by making the most of any 'ASPRO' showcards or stickers you already have. **You will be doing the best possible service to your own business at the same time.**

So remember: **a continuous 'ASPRO' show** will capitalise for your shop the vast 'ASPRO' goodwill created by our advertising campaigns—just as though you paid for the advertisements yourself.

NOTE.—We can still supply display material on request. **If your present show is really worn out put it with your other salvage and please write us for new ones.**

We have a limited supply of Chemists' **2 oz. bags** available at **7/6 per 1000**

'ASPRO'

Made in England by ASPRO LTD., Slough, Bucks. Telephone: Slough 22381

ASPRO
REGD. TRADE MARK

DR. HAIR'S ASTHMA CURE

To meet the new Law relating to the sale of Proprietary Medicines, it has been necessary to issue new labels bearing the word 'Chloroform' instead of 'Trichloromethane' in the declared formulas in respect of Dr. Hair's Asthma Cure (Liquid) and Bronchial Cough Remedy. All stocks sent to wholesalers since May 1st are in order. The labels of other Dr. Hair Preparations are correct. Retailers are requested to notify us of stocks of these two lines held on July 1st, when we shall be pleased to send the required labels for replacement. We thank you in anticipation of this co-operation.

DR. HAIR'S ASTHMA CURE LTD.
THE MILL
STANWELL MOOR, STAINES, MIDDX.

ASTHMA

sufferers are always grateful if you recommend —

DR SINGHA
ASTHMA TABLETS

The Original and still the Best Remedy for ASTHMA, BRONCHIAL ASTHMA AND BREATHING DIFFICULTIES
P.A.T.A. Terms from all Wholesale Houses
Prices: 1/8½, 5/7½, 13/5
(Exclusive of Purchase Tax)
THE DR. SINGHA CO., LTD
Caernarvon, North Wales

NO CHANGE!

IN THE SELLING POLICY OF

'SANATOGEN' TONIC WINE

SAME SLOGAN—

"ENJOY WHAT THE DOCTOR ORDERS"

SAME CLAIMS

SAME SELLING AGENTS

" SANATOGEN " Tonic Wine is a truly medicated wine, which can be freely sold by wine merchants and licensed chemists, and we shall not have to modify in any way the claims which we have made in the past. Under the Pharmacy and Medicines Act, anyone selling a medicated wine will have to disclose the formula on the label. We, of course, have no hesitation in doing this, and all wine sent out from now onwards will bear a label showing the exact formula.

Sole Distributors

WHITEWAYS CYDER CO., LTD., WHIMPLE, DEVON

Important Notice

from

"AQUAPERIA"

(Harrogate Aperient Water)

Under the provisions of the Pharmacy and Medicines Act, 1941, it is compulsory from July 1st, 1942, that "AQUAPERIA" must bear a special analysis label

WHOLESALERS and RETAILERS should apply at once for the necessary labels to cover their stocks in hand, to

CAMWAL LTD.

LONDON, MANCHESTER, BIRMINGHAM, BRISTOL, HARROGATE

Living Profit Guaranteed 46 Years on the P.A.T.A

Awarded Certificate of Merit at the Tasmanian Exhibition, 1891

KEARSLEY'S (150 Years' Reputation

WIDOW WELCH's Original FEMALE PILLS

10d. BOX PROFIT by ordering 1 dozen 2/10 size. Bonus box given on every dozen (13) It pays to push this size.

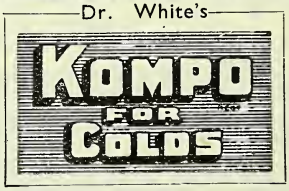
N.B.—These Pills do not contain any deleterious or prohibitive drugs, and can be sold with safety

C. & G. KEARSLEY, LTD.

71 DARTMOUTH RD., FOREST HILL, LONDON, S.E.23

Established 1787 In the Reign of King George III

Dr. White's



Manufactured only by

J. F. WHITE & CO., LTD.

Lovington Laboratory, Benson St., Leeds, 7

Pharmacy & Medicines Act, 1941

DOAN'S BACKACHE KIDNEY PILLS

DOAN'S OINTMENT

BILAX MENTEX

Formulae displayed on inner containers

IF you have any OLD "STAMPED" packages, please return them to us to be exchanged, free of cost, as they do not comply with this Act

Foster-McClellan Co., 37-41 Mortimer Street, LONDON, W.1

INTERNATIONAL CHEM. CO. LD.

WE regret that, owing to the increasing difficulty of transport, labour and packing materials, we can now *only* supply our main well-known pharmaceuticals in the standardised parcels below. At the same time we are also compelled to make £5 the minimum direct order that we can accept for the time being. This amount can be made up with "A" parcel alone or any two of the other combinations. We feel sure that we can count on the co-operation of our chemist friends in accepting this regrettable war-time necessity.

STANDARD PARCELS

A

1 doz.	1/5 Bismag Powder	12	0
2 ,,	1/5 ,, Tablets	1 4	0
2 ,,	7d. ,, ,,	9	8
1 ,,	2/10 ,, ,,	1 4	0
1 ,,	1/9 Pineate Honey Cough-Syrup	13	9
1 ,,	2/3 Limestone Phosphate	18	0
1 ,,	1/5 Freezone Corn Remover	11	3
		£5 12	8

B

1 doz.	1/5 Bismag Powder	12	0
1 ,,	1/5 ,, Tablets	12	0
3 ,,	7d. ,, ,,	14	6
½ ,,	2/10 ,, ,,	12	0
		50	6

C

1 doz.	1/5 Bismag Powder	12	0
2 ,,	1/5 ,, Tablets	24	0
3 ,,	7d. ,, ,,	14	6
		50	6

D

1 doz.	1/5 Bismag Powder	12	0
2 ,,	1/5 ,, Tablets	24	0
1 ,,	2/10 ,, ,,	24	0
		60	0

E

1 doz.	1/5 Bismag Powder	12	0
½ ,,	2/10 ,, ,,	12	0
2 ,,	1/5 ,, Tablets	24	0
½ ,,	2/10 ,, ,,	12	0
		60	0

F

2 doz.	1/5 Bismag Tablets	24	0
3 ,,	7d. ,, ,,	14	6
½ ,,	2/10 ,, ,,	12	0
		50	6

H

4 doz.	1/9 Pineate Honey Cough-Syrup	55	0

J

2 doz.	1/5 Freezone Corn Remover	22	6
1 ,,	2/3 Limestone Phosphate.	18	0
1 ,,	1/9 Pineate Honey Cough-Syrup	13	9
		54	3

K

3 doz.	1/9 Pineate Honey Cough-Syrup	41	3
1 ,,	1/5 Freezone Corn Remover	11	3
		52	6

L

1 doz.	1/5 Bismag Powder	12	0
½ ,,	2/10 ,, ,,	12	0
1 ,,	1/5 ,, Tablets	12	0
2 ,,	7d. ,, ,,	9	8
½ ,,	2/10 ,, ,,	12	0
		57	8

M

6 doz. 1/5 Freezone Corn Remover . . 67 6

Above Consumer prices include Purchase Tax; 16⅔% Purchase Tax to be added to List Prices.

BONUS: Bisurated Magnesia parcels will contain bonus in Mint Powder and 7d. Tablets.

TERMS: As well as "A" Parcel or any two of the Parcels "B" to "M" a selection of our other preparations, such as Alkia Saltrates, Bisuroids, Nemakol and Nemolin, may be added to the order. Toilet lines may also be included to the value of your quota. Our co-operation allowances are:— On orders of £5 . . . . 7½% £10 . . . . 10%.

WE REGRET THAT WE CANNOT OPEN NEW ACCOUNTS AT PRESENT

BRAYDON ROAD LONDON N16

CHINGFORD.

Sir,
"I have had much difficulty in getting the Curicones in this district."

BLACKPOOL.

Sir,
"Having recently been recommended to try your Curicones for Rheumatism, I am unable to find any chemist in the town stocking same."

Withington,
MANCHESTER.

Dear Sir,
"Unfortunately the bottle she got seems to be the last one obtainable in Withington."

Are you losing trade this way?

IF you find that your supplier is unable to fill your CURICONES order, write to us giving the name of your wholesaler, and we will do everything we can to get stocks to you without further delay.

Supplies, of course, will still be charged through your usual wholesaler.

Please note that the new prices of CURICONES, including Tax, are: Small size 5s., Medium size 14s., Large size 24s.

CURICONES is a P.A.T.A. line, showing 33⅓% profit.

There are at present enough

CURICONES

to give EVERYONE a fair share

ORDER THROUGH YOUR USUAL WHOLESALER

Stephen Matthews & Co. Ltd., 19/21 Farringdon St., London, E.C.4

MINISTRY OF FOOD SECTOR DISTRIBUTION SCHEME

Officially, pharmacy has not been brought within the scope of the Sector Scheme to date, but looking ahead it is not improbable that many lines stocked will be affected.

In so far as Horlicks is concerned, you will be covered, as our Emergency Depot Scheme established in 1939 ensures continuity of service to all concerned.

HORLICKS LIMITED
SLOUGH, BUCKS.

ORDER DIRECT OR FROM

MANCHESTER:
D Mawdsley & Co
James Woolley Sons & Co., Ltd
LEEDS:
Goodalls (Leeds), Ltd,
LEICESTER:
E. H. Butler & Son.
NEWCASTLE-ON-TYNE:
Wilkinson & Simpson, Ltd.
LONDON:
Brooks & Warburton, Ltd.
May, Roberts & Co., Ltd.
Butler & Crispe
LIVERPOOL:
Ayrton, Saunders & Co., Ltd.

THE TOWN TALK POLISH CO., MANCHESTER, 10

CHEMISTS' FRIEND WOMAN'S FRIEND

Supplies of

BLANCHARD'S

Female

PILLS

are available at pre-war prices (plus Purchase Tax)

1/5 and 3/5 . . P.A.T.A. Terms (Handbook, p. 152)

IMPORTANT

PHARMACY & MEDICINES ACT, 1941

UNSOLD STOCKS RECEIVED PRIOR TO 5th MAY, 1942

SUPPLY OF "FORMULA" LABELS

All orders for Blanchard's Female Pills supplied by us SINCE 5th May, 1942, have been packed in accordance with the terms of the above Act and bear a formula label on the INNER pill box container.

Chemists holding stocks received PRIOR to 5th May, 1942, should write immediately stating the number of boxes thus held and we will at once send the requisite number of adhesive formula labels. These labels, when affixed to the "Blanchard's" carton, adequately cover the full requirements of the Act.

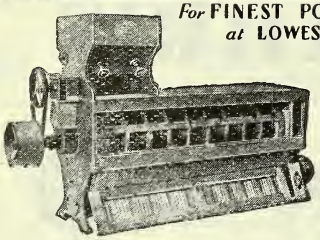
LESLIE MARTYN Ltd.

MANUFACTURING CHEMISTS

34 DALSTON LANE, LONDON, E.8

USED SUCCESSFULLY ALL OVER THE WORLD

For FINEST POWDERS *at* LOWEST COST



All enquiries to
Wm. GARDNER & Sons (Gloucester) Ltd.
Bristol Road
GLOUCESTER, Eng.
Telephone:
Gloucester 2288
(3 lines)

GARDNER'S
Patent "QUICK-CHANGE"
fine
POWDER DRESSER

RAW MATERIALS
FOR MANUFACTURERS

COLOURS (Concentrated)
LAKE PIGMENTS: Red, Geranium, Orange, Yellow, etc., all dry finely powdered insoluble colours. NATURAL OCHRES, UMBERS, REDS, etc. Dry powders. PASTE-FORM COLOURS, Green, Yellow, Brown, Red, etc., all soluble in Oils, Acetone, Spirit, etc. WATER Soluble Colours—complete range offered.

ESSENCES (Concentrated)
Choice selection of Floral Compounds.

CHEMICALS, ETC.
Caustic Soda, Anhydrous Soda Carbonate, Zinc Chloride, etc. Emulsifiable Wax, Beeswax Substitute, Hard Paraffin Wax, Soft Paraffins—white & yellow, Levigated Chalk, Talc Powder, 'Essbee' Emulsifiers, 'Essbee' Moth Larvaecide (packed 4-oz. containers), Colloidal Kaolin, Oxychloresterine, Acids, etc., etc.

Enquiries for bulk or small quantities to:—

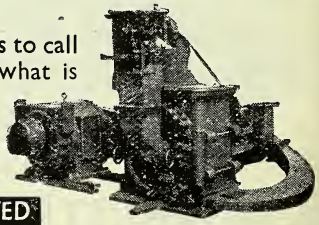
CHEMICAL MANUFACTURING LABORATORY
Brook Works, 2 Bedford Place
TAVISTOCK, Devon
Telephone and Telegrams: TAVISTOCK 497

D.D.A. REGISTERS, SPIRIT & POISON REGISTERS.

JAMES TOWNSEND & SONS, Ltd., EXETER.
Chemists' Printers.

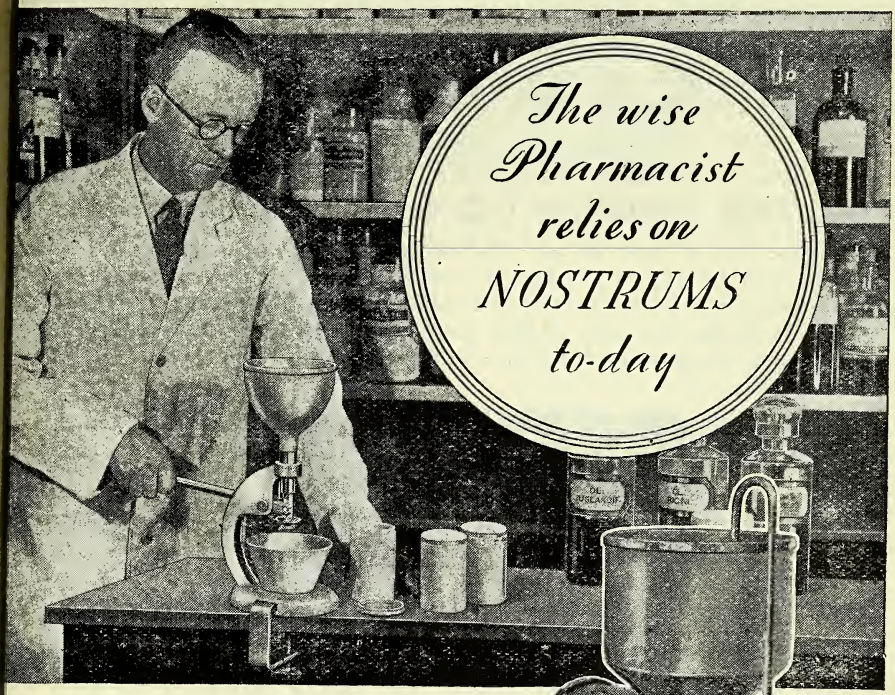
GRINDERS

The best way to ensure satisfaction in grinding is to call in Porteus. Not only do they know exactly what is required, but they can and do invariably advise on the very best type for the job in hand. Lengthy experience in design and construction is at your service—why not write now?



GEORGE PORTEUS & SONS (LEEDS) LIMITED
LEEDS BRIDGE WORKS *Provender Milling Specialists* LEEDS 10

1554



With proprietary lines in limited supply, pharmacists are putting up for themselves their "own label" preparations. You can rapidly and profitably produce hair creams, hand lotions, etc., in small or large quantities with the efficient, dependable Q.P. Emulsifier (Hand Model).

HAND AND POWER OPERATED

QP EMULSIFIERS

THE POWER MACHINE will handle larger batches up to 20-25 gallons per hour. Motor or belt driven.

ORMEROD ENGINEERS LIMITED SHAWCLOUGH ROCHDALE

E.7

CHEMICAL & NATURAL PRODUCTS LTD.

FOR THE INFORMATION OF OUR CUSTOMERS

We regret that as most of our representatives and male clerical and factory staff are now serving in the Forces, our customers cannot be called on, and it is not possible to write in every case to customers regarding delays in executing orders. However, we want to keep you informed of our various lines, and will advise you of the position from time to time in this journal.

SCRUBB'S

CLOUDY AMMONIA

The 7d. size is still not available, but we hope to execute all orders at present outstanding for the 1/6 size within the next six weeks

RAZVITE

BRUSHLESS SHAVING CREAM

Limited quantities are available of the **1s. 10d.** size tubes and the **4s. 11d.** large size tins. The **3s. 1d.** size tin is out of stock and is unlikely to be available for the duration. There may be some delay in executing orders for the **7d.** size tubes. These prices include Purchase Tax.

Sole Distributors:

CHEMICAL & NATURAL PRODUCTS LTD.

Wimbledon Factory Estate, Morden Road, London, S.W.19

[61/27]

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28, ESSEX STREET, LONDON, W.C.2

JUNE 27 1942

Advertisements in this supplement must be prepaid and should reach us not later than WEDNESDAY of week of issue. Box Office numbers cost 1/-. Late advertisements will be held over to following week.

EXPORT MANAGER REQUIRED

THOROUGH KNOWLEDGE OF PHARMACEUTICAL PREPARATIONS AND FOREIGN MARKETING

State experience in first letter.
406/873 London Office of this Paper

Chemists are permitted to make Proprietaries (including Cosmetics) for Retail Sale at the rate of £41 13s. 4d. per month, (Board of Trade Order, S.R. & O., 1941, 1686). We can supply the raw materials, including Essential Oils, Colours, Packings and Instructions for the manufacture of the following:—
5 lb. FACE POWDER, 20/6, tax 13/8, all.
5 lb. BATH TALCUM, 12/6, tax 8/4, all.
1 lb. ROUGE POWDER, 20/6, tax 13/8 all.
Terms: C.W.O. or C.O.D. 1/- extra.

HARMAN DIETETIC LABORATORIES, LTD.
109 BROADWAY, CRICKLEWOOD, N.W.2

1. Smart Herba series Toilet Labels, comprising: 3-piece Powder Boxes at 36s. per gross. Bottle Labels for most best sellers. Red and Silver Lipstick refill cartons. Sample 6d. post free.
2. Limited stocks offered of the following lines:—
   3-piece Powder Boxes .. ... 36/- per gross
   Red Sleeve Drums, suitable for Talc. .. .. 24/- ,, ,,
   2-oz. Vials .. .. 21/- ,, ,,
   Corks to fit .. .. 1/- ,, ,,
   4-oz. wide-mouthed Bottles, complete with corks ... 40/- ,, ,,
   Any one sample 6d. post free.
3. Special Composite Wax for Lipstick and Toilet Preparations 2/3 per lb.
   Paraffin Wax (Composite) .. 1/- ,, ,,
   Soft Stearic Acid, approx. 2-lb. jars 5/- each

SMITH, 44 Pedder Street, MORECAMBE

OPTICAL TUITION

FOR THE
S.M.C., B.O.A., and N.A.O. DIPLOMA Examinations
Particulars:—
C. A. SCURR, F.S.M.C., F.B.O.A., F.N.A.O., F.I.O., F.C.O., M.P.S.
50 HIGH STREET, BARNET, LONDON, N.

GRINDERS & PULVERISERS

TO THE TRADE . . All Commodities
We offer Competitive Prices, Efficient Service
Prompt Deliveries Enquiries invited
BOMBAY MILLS, 2-7 Bombay St., S.E.
Phone, BERMONDSEY 3411

CARTONS

Complete Seal-cone Carton-making Plant for Sale: 12 formers, 5 waxers, 8 fillers. Total capacity of plant 8,000 pints, 4,000 ½-pints per hour. 90-ft. line carton conveyor, accumulating tables, fibrite elevator and conveyor. Large stocks gummed strip, metal sealing strip, base paper, wax, etc. Extensive seam gumming and drying plant. Large stock spares. Would be sold as whole or in sections

BLADEN DAIRIES LTD., Rossmore Rd. N.W.1
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French Chalk, Best White; **Talc; Cret. Praecip.** and **Prep.; Kaolin, B.P.; Zinc Oxide, B.P.,** Opt.; **Plaster of Paris,** Superfine; **Beeswax,** White Substitute; **Spermaceti; Ceresine; Zinc** and **Aluminium Stearates; Caffein; Sod. Bicarb.** and **Salicylate; Vanillin; Pot. Brom.; Sod. Brom.; Menthol Crystals; Diethanolamine; Acid Tannic; Oils Essential; Liquid Soap,** Perfumed, 5-gal. Drums (tax paid); **Stearine Powder,** White, and Block; **Gelatine Powder; Acetone; Amyl Acetate.** Special low prices quoted. Any want quoted.

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Rubber Soothers, 6 doz., 30s.; Feeding-bottle Teats, 6 doz., 15s.; Chrome Leather Finger Stalls, 3 doz., 15s. Guaranteed quality goods. C.W.O. Carriage paid.

J. W. STAPLES
69 St. John Street, Bridlington

Tablet Manufacturers are in a position to accept contracts or sub-contracts for Tabletting, including Saccharin, from Customers' own saccharin powder. Prompt delivery assured and competitive prices. Send inquiries to CDB/1074, London Office of this Paper.

Snood's assorted shades pastels and dark; good selling line, 72s. gross plus tax (33⅓ per cent.). Slumber Helmets, assorted shades, browns and pastels, good quality; draw through tape; 72s. gross plus tax (33⅓ per cent.). Cash with orders. Marlene Products, 18 Waltham Avenue, Kingsbury, N.W.9.

Citric and Tartaric Acid, Cream of Tartar, Dicalcium Phosphate, Acid Phosphates, Calcium Carbonate prec., Talc Powder Kieselguhr, Asbestos Powder Sellers. B. Adler, Ltd., 11 Orchard Drive, Edgware. Tel.: Edg. 0383.

CONCENTRATED LIQUID SULPHONATED LAURYL ALCOHOL, £3/10/0 gallon, can 2/6.
LIQUID STOCKING COLOURS (Beige, Tan and Gunmetal), 8/- lb.
HARMAN DIETETIC LABORATORIES, LTD.
109 Broadway, Cricklewood, N.W.2

We have offers of various Essential Oils on hand—Lemon, Orange, Peppermint, Lime, Aniseed, Clover, Lemongrass, Citronella, etc., etc., also Flavouring Essences, Perfumery Essences, Citric, Tartaric, and Cream of Tartar. Prompt attention to all enquiries. 406/880, London Office of this Paper.

COSMETIC and other FORMULAE FOR SALE
All formulations have been tested out and proved satisfactory. Samples matched to specification. Modification of formulae undertaken. CDB/1061, London Office of this Paper.

BUSINESSES FOR DISPOSAL

7/6 for 40 words or less, 2d. for every additional word.

PHARMACY: For Sale by private bargain, the old-established business of Chemist and Druggist of the late Mr. Henry W. Blair, at 97 Dalry Road, Edinburgh. For particulars, apply to Messrs. J. Miller Thomson & Co., W.S., Edinburgh, 3. Tel. 22085.

£350 spot cash secures a well fitted Pharmacy East London Dispensing and quick counter trade. Surrounded by large factories. No opposition. Neglected through unfortunate circumstances. Immediate replies to 406/879. London Office of this Paper.

Rightan Liquid Stocking formula and colour for 2 gallons—Rich Matt Brown—guaranteed result, 8/- post paid, C.W.O. Face Powder, colour all shades, 8/- lb. Lipstick colour, 10 shades, 16/- lb. Also colours for Brilliantines, Mascara, Rouge, Hair Rinse, Nail Varnish, Bath Salts, Liquid Soap. Creighton (Agencies) Co., 174 Tollington Park, London, N.4.

SITUATIONS OPEN

7/6 for 40 words or less, 2d. for every additional word.

None of the advertisements below relates to a woman between 18 and 30 years unless such woman has living with her a child of her own under the age of 14; or is registered under the Blind Persons Acts; or has Ministry of Labour permit to allow her to obtain employment by individual effort.

(RETAIL HOME)

ASCOTTS Pharmacies (1933), Ltd., require qualified Managers and unqualified Assistants (either sex). Permanent positions in the London area. Good salaries and conditions. Tel.: Wembley 2113 for appointment.

ASSISTANT required, qualified or unqualified outdoors; for good class retail with N.H.I. and photographic experience. Full particulars. W. M. Rosser, 80 Whippendell Road, Watford.

ASSISTANTS, male or female, required for Market Harborough and Bedford Branches. Apply P. Jeyes & Co., Ltd., The Drapery, Northampton.

BEDFORD. Qualified Dispenser wanted, lady or gentleman. State age, salary required, experience, etc. Also unqualified Assistant. Above details. Apply Strachan, Bromham Road, Bedford.

DAGENHAM, Essex: Manager required for busy Family business. Good N.H.I. and Counter experience essential. Living accommodation and liberal terms available to suitable man. Permanency. 406/886, London Office of this Paper.

EXPERIENCED Qualified or Unqualified Lady or Gentleman to assist in management of medium class Pharmacy. Comfortable post, 44-hour week, good salary. No half-day duty. Apply, Secretary, Lewis & Harris, Ltd., 288 Upper Street, N.1.

HARROW, residential district: Vacancy occurs for Manager in good-class Dispensing business. Well-experienced man required. Living accommodation available. 406/885, London Office of this Paper.

LONDON, N.3: Manager required for good-class Family Dispensing business in pleasant residential district. Satisfactory terms of employment. Permanency. Experienced woman considered. 406/884, London Office of this Paper.

MANAGER, Qualified, for Drug Department; knowledge of Photographic and Perfumes; permanency. Give full details of experience, age, etc., enclose photo, state salary required. Manager, Jarrold & Sons, Ltd., London Street, Norwich.

MANAGER required for Family Business in Slough. Suit elderly man or capable woman. House available. 406/883, London Office of this Paper.

MANAGER wanted for High Class Pharmacy with large photographic connexion. Must be exempt. State salary required. Arthur Enock, Ltd., 201 Linthorpe Road, Middlesbrough.

PHARMACY. Experienced qualified and unqualified Assistants required to replace employees who have been mobilised. Applications should be made, in writing, stating age and experience, to the Staff Manager, Royal Arsenal Co-operative Society, Limited, 113 Powis Street, Woolwich, S.E.18. Endorse envelope "Pharmacy."

QUALIFIED Manager required for Branch in Essex. House attached rent free. Salary £7 per week (free from military service). Apply by letter, stating age and experience, to Shadforth Prescription Service, Ltd., 63 Grove Road, Bow, London, E.3.

QUALIFIED Chemist (male or female) required as Branch Manager. Permanency. State age, experience, salary required, and when free, to Manager, Pharmacy Department, Ipswich Industrial Co-operative Society, Ltd., 38 Carr Street, Ipswich.

QUALIFIED Chemist (male or female) required for Branch. Permanency. No Sunday or half-holiday duty. Assistant kept. State age, salary, and when free. Slaughters, Ltd., 351 High Road, Ilford. Phone: Ilf. 0998.

SURREY COUNTY COUNCIL

PUBLIC HEALTH DEPARTMENT

PHARMACIST required at:—

EPSOM COUNTY HOSPITAL, Dorking Road, Epsom.

Candidates must hold M.P.S or Ph.C. qualifications and have a wide dispensing experience. Salary £250 × £10–£300 p.a., plus War Bonus. Male Pharmacists may only be appointed for the duration of the war in the first instance.

ASSISTANT PHARMACIST (Temporary, for duration of the war) required at:—

BOTLEYS PARK HOSPITAL, Chertsey.

KINGSTON COUNTY HOSPITAL, Wolverton Avenue, Kingston-upon-Thames.

REDHILL COUNTY HOSPITAL, Earlswood Common, Redhill.

Candidates must hold M.P.S. or Ph.C. qualifications. Salary £225 × £10–£275 p.a. plus War Bonus. Commencing salary for these appointments will be according to experience.

Women applicants for these posts must be over 31 years of age. Applications to Medical Superintendent of appropriate hospital.

TWO young Lady Assistants required, one for the Toilet Department and one to assist in the Dispensary. Aged about 17 years and of good education. Previous experience not necessary. W. Smith & Co., Ltd., Chemists and Opticians, High Street, Abingdon.

TAYLORS BRITISH CHEMISTS will shortly have Vacancies for Qualified Managers and Assistants, male or female, in Birmingham and Midlands, Leeds, Houghton-le-Spring, Ashington, Huddersfield, Blackpool, Tipton, Shipley, Hull, Burnley, Carlisle, Brierley Hill, Stanley, Thorne, Accrington. Apply, Retail Staff Department, Burley Hill, Leeds.

WHOLESALE

CAPABLE Travellers required covering factories workshops, etc., in numerous areas in provinces for sale of unique inexpensive blackout ventilator. Commission only. 406/877, London Office of this Paper.

FEMALE Chemist, over 31, having some practical experience of works analyses (preferably metallurgical). Salary £200 to £300 per year according to qualifications and experience. Apply or write The Gramophone Company, Limited, Employment Department, Hayes, Middlesex.

Manufacturing chemists require travellers of either sex calling on retail chemists in every town in Great Britain to carry their known Proprietary lines on generous commission basis only. Must be well-introduced and have live connexions. Large stocks immediately available and every support forthcoming. Write immediately in confidence stating present lines carried and territory covered. CDB/1067, London Office of this Paper.

Medical Propagandists wanted in London, Suburbs, and throughout the country. Must be well introduced to Doctors, Hospitals and other Institutions, to introduce high-class non-competitive pharmaceutical products suitable to the medical profession. Every assistance given and excellent commission paid to the right men. Only those already contacting the medical profession need apply. Write immediately, stating territory covered. All replies will be treated confidentially. CDB/1069, London Office of this Paper.

Manufacturing chemists require first-class travellers of either sex with live connexions amongst retail chemists throughout London, Suburbs and Home Counties to carry their Proprietary lines on liberal commission basis only. Every support can be given regarding deliveries. Write immediately in confidence stating present lines carried and exact territory covered. CDB/1068, London Office of this Paper.

MANUFACTURING Chemists require Assistant Works Manager Pharmacist, preferably with analytical experience. Very good post-war prospects. State particulars of qualifications, experience and references, and whether exempt from military service. CDB/1063, London Office of this Paper.

PROPRIETORS of Pharmaceutical products require the services of an Advertisement Manager with sales experience, capable of handling a National advertising campaign and linking up with sales organisation. Must have initiative and organising ability. Annual advertising expenditure £20,000 a year. Details of exp., refs., salary required and whether liable for military service. CDB/1072, London Office of this Paper.

REPRESENTATIVE required, calling on Department Stores, Chemists, and Hairdressers, to carry quick-selling, non-competitive lines on a Commission basis. 406/879, London Office of this Paper.

WELL-KNOWN Firm of Manufacturing Chemists requires Pharmacist Works Manager, preferably with experience in the manufacturing side of the drug trade, capable of organizing a staff of about 100. Excellent prospects; high salary according to qualifications and experience. State whether exempt from military service. Particulars of qualifications, experience and references. CDB/1062, London Office of this Paper.

SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word

None of the advertisements below relates to a woman between 18 and 30 years unless such woman has living with her a child of her own under the age of 14; or is registered under the Blind Persons Acts; or has a Ministry of Labour permit to allow her to obtain employment by individual effort.

RETAIL (HOME)

DISPENSER, middle-aged (female), Hall qualification, experienced insurance and private, book-keeping for Doctors, seeks post. P., The Avenue, Endon, Stoke-on-Trent.

LOCUMS SEEKING ENGAGEMENT

QUALIFIED, de-reserved shortly, requires Locum or temporary employment pending call-up. Any area. 406/875, London Office of this Paper.

WHOLESALE

BUSINESS Man, 42, exempt, leading representative prominent firm, is equipped by study, training and experience for position Sales Manager, or Assistant. I.S.M.A. qualification. Highest credentials. 406/876, London Office of this Paper.

FEMALE Production Manager, 18 years' experience, staff control and welfare. Apply CDB/1075, London Office of this Paper.

MANAGERSHIP. Qualified, age 56, active, many years Dispensing and Photographic experience; accustomed to staff control. Permanency desired. State salary offered. 406/874, London Office of this Paper.

YOUNG Pharmacist, London Degree Holder exempt, requires suitable work—Analysis Nutrition, Research, etc. Must be progressive position. (Salary, £300–£350.) 406/881, London Office of this Paper.

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to the complete Pharmacy

Write, Phone or call

L. MYERS, 133-135 OLD ST., E.C.1. Phone: CLE 6381

PATENTS

THE Proprietor of British Patent No. 461317, dated August 8, 1935, relating to "Coating for Medical Compound," is desirous of entering into arrangements by way of a licence or otherwise on reasonable terms for the purpose of exploiting the above patent and ensuring its practical working in Great Britain. Inquiries to Singer, Ehlert, Stern & Carlberg, Steger Building, Chicago, Illinois.

AGENCIES

7/6 for 36 words or less, 2d. for every additional word.

REPRESENTATIVES requiring additional line on Commission basis are invited to communicate with firm who have product which is in popular demand. 406/882, London Office of this Paper.

SIR JOHN PRATT & COMPANY are open to accept Agencies on Commission from reputable concerns. Also prepared to buy on own account. Full particulars to Box 24, c/o Pool's, Brettenham House, Lancaster Place, Strand, W.C.2.

BUSINESS OPPORTUNITIES

7/6 for 40 words or less, 2d. for every additional word.

MANUFACTURERS require Government Subcontract work of any description for their Latex Department, which is being closed down owing to war production restrictions. Factory space and 8–10 Female workers available. Willing to purchase new machinery if licence provided. Please write to Box "A," c/o Dawson's, 129 Cannon Street, London, E.4.

WAR-TIME UNEMPLOYMENT SITUATIONS WANTED

The advertisements in this section are inserted free and are from advertisers who have lost their employment as a direct result of the war. Prospective employers are requested to give them special consideration.

Advertisers in this Section should advise us immediately employment has been secured.

WHOLESALE

LANCASHIRE and Cheshire. Gentleman until recently senior traveller for well-known House—Medical and Toilet Soaps, Dental Preparations, large connexion Wholesale and Retail Chemists' Stores and Grocers—will be glad of an appointment; middle-aged; energetic. Highest references. CDB/1076, London Office of this Paper.

REPRESENTATIVE, 10 years with present firm but now disengaged through enemy action, own car, personal connexion all London Wholesale and Retail Chemists and Stores, seeks London representation of first-class Proprietary House. CDB/1051, London Office of this Paper.

REPRESENTATIVE, 43, who during the past seven years has represented a first-class house in South Wales and South West, is now at liberty owing to limitation of supplies. Would consider part expense and commission offers or full-time representation. CDB/1057, London Office of this Paper.

FOR SALE (Retailers' Surplus)

7/6 for 36 words or less, 2d. for every additional word.

FOR Sale, small Compressor, pumping 5–10 lbs., fitted fractional AC/DC electric motors, complete in carrying case. Invaluable for filling purposes and keeping solids in suspension in liquids. Price £7 10s. Smaller model £6 15s. Kaye Distributors, 41 St. Anns Road, Harrow.

MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or less

FOR SALE appoximately 66 ozs. of Quinine Sulphate, B.P. Highest offer accepted. Vitality Health Products, Ltd., 147–153 Westwood Road, Coventry.

FOR Sale: 7 cwt. Crex and 8 cwt. 3 qtrs. 16 lb. Refined Bicarbonate of Soda, B.P. standard. C. & N. P., Ltd., Wimbledon Factory Estate, Morden Road, S.W.19.

FOR Wholesale Cosmetic Manufacturers only: 500 gross ½ oz. Jars with metal caps; 150 gross Powder Boxes; 42½ gross 2 oz. Bakelite Containers suitable for Cream. If interested, please apply Box F/2240, W. H. Smith & Son, Ltd., Manchester, 3.

LIPSTICKS. M. Walker, Ltd., Wholesale Warehousemen, are again able to supply a limited quantity of Lipsticks. Inquiries invited. 190 High Road, Wembley.

OTTO of Rose, original flask, sealed National Bank of Bulgaria, 290s. per oz. Also small disposal lot, Palm Kernal Fatty Acid, not for soap manufacture. Offers to "Chemist," 99 Oaklands Road, N.W.2.

POWDERED Gum Tragacanth, Best White, 20s. lb.; Indian Best White, 16s. 6d. lb.; Samples of both, 2s. Beeswax, Concentrated Perfume Essences, Stock Toilet labels, etc., 50 gross 6 oz. Square Jars with plain corks, suitable for Hair Cream, etc., 32s. per gross. Also 3 oz. and 10 oz. Jars with corks in stock. Send stamp for lists. Wood & Son, Greenside, Cleckheaton.

1 CWT. AIRTIGHT TINS IN CASES. Used only once for packing Milk Powder. Fully seamed tin with circular press-in lid, all free from rust. Strong cases slightly soiled externally. Apply CDB/913, London Office of this Paper.

WANTED

7/6 for 36 words or less, 2d. for every additional word.

BRITISH PHARMACOPEIA. Advertiser desires to acquire urgently copy 1932 Edition. Kindly communicate, stating price desired, to W. J. Smith, 12 High Street (2nd Floor), Watford, Herts.

EMPTY Wood Boxes and Cartons wanted in large quantities weekly. Boxcraft, 59 Belvedere Road, London, S.E.1. WATerloo 5542.

OILS or Fats and Glycerine, also Block Stearine wanted. Box 56, Pool's, Brettenham House, Lancaster Place, W.C.2.

RED Squill wanted urgently. In powder or bulb; any quantity. Blackwell, Hayes & Co., Ltd., 54–58 Moor Street, Birmingham.

URGENTLY required—Himrods Asthma Cure. Enquiries to Temple Pharmacy, 22 Devereaux Court, Essex Street, Strand, W.C.2.

WANTED. Loofahs, Sponges, Permanganate Potash. Any quantity. United Sponge Co., 41 Royal Mint Street, E.1. Royal 6978.

WANTED by England's largest photographic dealers, All Miniature Cameras, extra lenses and accessories, Rolleiflex, Leica, Contax, Ikontas, etc.; also Microscopes and Cine Projectors. Highest prices guaranteed. Wallace Heaton, Ltd., 127 New Bond Street, W.1.

WANTED. 500 gross (or less) 4 oz. and 8 oz. Screw neck Bottles (colour immaterial). 406/878, London Office of this Paper.

WELLCOME INSTITUTE LIBRARY

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